

KRE-INFO

KRE-audiotronic COMPRESSOR/LIMITER-SYSTEM CLU-103 Mark3

Das revolutionäre COMPRESSOR/LIMITER-SYSTEM CLU-103 Mk3 ist eine Weiterentwicklung des legendären Mark2 Modelles, welches sich bereits seit Jahren in professionellen Tonstudios, bei Musikern und natürlich auch bei Radiostationen im In- und Ausland tausendfach bewährt hat.

Seine überragenden technischen Daten, sein funktionelles Design, sein günstiger Preis und seine individuellen Einsatzmöglichkeiten bieten eine echte Alternative zu herkömmlichen Processor-Systemen, denn Profis und anspruchsvolle Amateure in ganz Europa vertrauen schon seit Jahren auf unseren technologischen Vorsprung.

GET THE FEELING OF SOUND AND POWER....

with KRE-audiotronic audiocompression - on AM, SW, FM & Studio

TECHNISCHE DATEN

Frequenzgang:..... 20Hz bis 20kHz (+/-3dB)
Total Harmonic Distortion (THD):..... < 0.03%, bei 10dB G/R (1kHz)
Fremdspannungsabstand:..... > 85dB
Input:..... asym. 47kOhm, var. -20dB bis +20dB (RCA)
Output:..... asym. 100Ohm, var. -20dB bis +20dB (RCA)
GAINREDUCTION:..... 5-Segment LED, var. 1:1 bis 20:1, max. G/R 35dB
Attacktime:..... var. 0.2ms bis 10ms
Release time:..... var. 20ms bis 3sec
Stereolink:..... Koppelmöglichkeit von 2 Monoeinheiten für Stereobetrieb (RCA)
Power:..... 220-240V, 50/60Hz, 3VA

AUSFÜHRUNG

Neben dem betriebsbereiten Fertigergerät ist unser AUDIO-PROCESSOR auch als BAUSTEIN zum Einbau in eine bestehende Einheit, wie Mischpult, Verstärker oder zur Audio-Aufbereitung im Modulator einer Sendeanlage, lieferbar. Der Baustein besteht aus einer komplett bestückten und abgeglichenen Platine samt Netzteil, jedoch ohne Gehäuse und Anbauteile, wie Netzkabel, LEDs, Schalter, Drehknöpfe und Anschlußbuchsen. Ein ausführlicher Installationsplan wird mitgeliefert.

BESTELLHINWEISE-PREISLISTE

Die Lieferung im Inland erfolgt per Nachnahme oder Vorkasse (V-Scheck oder Vorausüberweisung). Eine Lieferung ins Ausland ist nur per Vorkasse (z.B. Eurocheque) möglich!
Die Lieferzeit beträgt ca. 14 Arbeitstage.

CLU-103 Mk3 (Fertigergerät): DM 338,- CLU-103 Mk3 (Baustein): DM 265,-
Versandkosten: Inland (Vorkasse): DM 7,- Inland (Nachnahme) + Ausland: DM 12,-
Übersteigt der Bestellwert DM 650,- liefern wir versandkostenfrei!

Ausführliche Produktinformationen sind für DM 1,- in Briefmarken oder 1 IRC erhältlich.

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THE magazine for free radio enthusiasts.....

« FRS * GOES * DX »

Volume 10

Issue Number 118

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IN THIS SPECIAL SUMMER EDITION:

- * CAROLINE ALSO VIA EUTELSAT ??
- * LASER ROCK ON EURONET
- * TENDER TRIP BACK ON THE AIRWAVES !!
- * MORE THAN 20 PAGES OF SHORT WAVE NEWS
- * THE NANNELL STORY PART 1
- * SHORT WAVE NEWS FROM THE USA & RUSSIA
- * SATELLITE RADIO NEWS
- * FINAL PART MARK STAFFORD INTERVIEW
- * MADE IN HOLLAND

FRS GOES DX:

10 YEARS YOUNG !!

FRS GOES DX INFO

COLOPHON

FRS GOES DX' is a monthly magazine which informs about radio in general and free radio in particular. It is a publication of FRS-Holland, an independent short wave station.

SUBSCRIPTIONS

An annual subscription costs DM 25.00 / £ 8.00 / f 25,- (Europe) or US\$ 18.00 (outside Europe). Payments are accepted * in cash / * by eurocheque made out in Dutch guilders / * by postal order. Sample copies cost 3 irc's / 3x DM 1.00 German stamps / 4x75ct Dutch stamps / £ 1.00 in cash / US\$ 2.00 .

MAILING ADDRESS

All correspondence in connection with the magazine should be sent to:
'FRS Goes DX' , P.O.Box 2727,
6049 ZG Herten, The Netherlands.
Do not use the address on the cover !!!

ADVERTISING

For full or half page advertisements please contact the editor.
Small ads: non-commercial adverts are free for members.
Commercial adverts (small) cost DM 3.00 / £ 1.00 / f 3,- / 3 irc's / US\$ 2.00 .

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NEXT EDITION will be published:

Mid September 1992

DEADLINE FOR CONTRIBUTIONS:

September 2nd

RENEWAL OF SUBSCRIPTION

☐ This is your last issue on account of your current subscription. You are kindly asked to send your renewal without delay in order to be assured of receiving the next issue.

EDITORIAL

Well, here we are with another packed Summer 1992 edition of your favourite (??) radio magazine.

I bet not many of you will realize that it was more or less 10 years ago when FRS Goes DX started as a very little, simple radio info-sheet. It would be too much to use the word radio magazine!! 10 years later: FRS Goes DX is still existing and in those 10 years we have been passing through many phases. And still the phase we're now in isn't the final one. Most significant changes were the much improved lay-out and the contents of this magazine. It started with a bit of Offshore news and some general news along with the FRS-Holland club news. Then SW was added and nowadays FRS Goes DX is magazine covering most aspects of International (Free) Radio. The first subscription price was DM 7.50 for 6 months which became DM 12.50. Those were the days when FRS Goes DX was only 8 to 10 pages and not 40+ like nowadays. Yes, I think we could organize a little party, isn't it ??

Remember I told you about some problems with the Belgian R77. Well, I can now reveal all is o.k. and that also means that from now on FRS Goes DX is a bi-monthly magazine. Time pressure and private circumstances really make it impossible to continue publishing monthly editions. But to be honest, we were already producing a bi-monthly mag for over a year !! Have a drink on us & till next time, 73's, Peter V.

Contents

Page 3.....FRS Newscorner
Page 4-28....Short Wave Survey
Page 29-30....Artiom reports...
Page 31-32....US Free Radio News
Page 33-35....Mark Stafford Interview
Page 36-39....Caroline news
Page 40-42....Nannell Story Part 1
Page 43-46....Satellite Radio News
Page 47.....News from around the world
Page 48-49....Made in Holland
Page 50.....Pirate Info Finland
Page 51.....Alternative Thoughts



«FRS Newscorner»

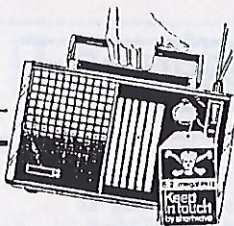
'FRS GOES DX' issue 118

As you can see no more double issue because this mag is from now onwards officially a bi-monthly magazine. When looking at the number of pages I can say that the subscription price was based on twelve monthly 20 page issues. Well, that is now six 40 page editions. What will happen in 1993 is something I will discuss in October or November. What's in this issue ? Our foreign SW correspondents in Russia and the USA did great jobs. A very detailed SW section with all the loggings plus another 8 pages of news. Ofcourse also Caroline news and news from Euronet netter known for all you readers under the name Caroline Satellite Group. Part 1 of the very exciting story about that 'ghost' radio vessel the MV Nannell is included as was promised last time. Also the FRS Satellite Telex including some exciting Euronet news plus several other newstems. News from around the world, Joop ter Zee's column with a brandnew logo designed by Mr. Ter Zee himself and the final part of the Mark Stafford Interview. All that and more in this Summer Special, enjoy reading it !

FRS-Holland activities

We may not forget to inform you about FRS-Holland !! June 6th/7th FRS carried out a nighttime trm with the help of an English station. At exactly 23.15 UTC FRS was on air on 6232 with a very clear and strong signal. At 01.15 UTC we closed down but returned after a minute or so on 6225 with our own tx. And so we continued on 6225 till 04.00 UTC. It seems there was some interference in the UK because JRR was on 6232 too (during part of the broadcast). It wouldn't be fair to blame him because there was long skip and most probably he checked 6232 before coming on air without hearing us. Fact is the broadcast produced some 20 letters, mostly for the 6232 outlet. 6225 was on air very late (or early) and that means less people heard that signal. Although: some reports contained info for both frequencies. Reports reached us from Canada, the USA, Lithuania, 1500 km's east of Moscow (!!!), Spain, Austria, Italy and Ireland (0=4/5 !!). Not bad at all.

July 25th we planned another nightly 3 hour broadcast containing three 60 minute pxs of Stefan Kramer, Joop ter Zee & Peter Verbruggen. At 23.00UTC FRS commenced trm but it appeared that the separate modulator broke down (is repaired in the mean time). No problem, another tx was switched on a few minutes later (with another built-in modulator) but at 23.20 UTC things went totally wrong with the HT and that was the end of our nightly adventure... But: we are planning a special evening/ nighttime trm Saturday August 29th and then we will semi-officially celebrate our 12th Birthday. FRS started August 31st 1980 with SW broadcasting. We'll be commencing trms at 19.00 or 20.00 UTC and expect some 4 hours. You can get a special QSL for that transmission, tune in and rib the knob off. We will be somewhere in the 48 mb !! Don't mis it. I planned to discuss a few things writteb by Andy Walker in Pirate Chat but that will be done in issue 119. In October FRS hopes to celebrate its 12th Birthday with a lengthy 5 hour trm on (hopefully) two frequencies.



S.W. survey

In this summer edition the period Saturday April 11th- Sunday July 12th is covered with very detailed logging lists. These loggings came about with the indispensable help of the well-known international FRS crew. Be sure we have printed 99% of what was to be heard in the past period. Apart from our loggers we must give a mention to Free DX which was used as a source for some of the loggings. Thanks a lot ! All marked (*) dates will re-appear in the next issue as we were not having all details at the moment this mag was printed.

SATURDAY APRIL 11th 1992

3910	20.30	Radio Fax	0=4	0=4	E,popmx//6205
3945	21.03	WNKR	0=4	0=3-4	All night long
6205	08.41	Radio Fax	0=5	0=3	//12255
6216	09.30	Radio Brigitte	---	0=4	Qso to Delta
6220	07.55	DLLR	0=4	0=2	
6224	09.35	Unid	---	0=3	Qso in SSB
6232	14.11	JRR	0=3-4	---	
6233	14.13	Radio Pamela	0=2	---	
6260	13.30	Voice of the Leek	0=3-4	---	
6260	14.20	Radio ECC (tent.)	0=3-4	---	Test ?
6290	22.39	CRS	0=2	0=4	
6300	14.03	Radio Pamela	0=2	---	
6911	10.06	Radio Dublin	0=4	0=2-3	Popmx
7446	22.40	Radio Stella	---	0=2	Jock Wilson
13666	12.09	Voice of Europe	0=3-4	0=4	It/popmx

SUNDAY APRIL 12th 1992

3910	17.05	Radio Fax	0=3-5	0=3-4	Reflections
6205	07.17	Radio Fax	0=5	0=3-4	Popmx
6221	09.02	DLLR	0=4-5	0=3-4	E,popmx
6232	06.31	JRR	0=4-5	0=2-3	
6232	09.01	BRI	0=4-5	0=3-4	Oldies
6233	00.30	Unid	0=2-3	---	
6239	07.20	Radio Merlin Int.	0=4	0=3	Popmx
6275	10.12	Unid	0=3-4	0=2-3	Test ?
6280	11.08	Ozone Radio	0=4	0=1-2	
6290	00.37	Radio Pirana	0=4	---	
6290	11.10	Radio Orion	0=3-4	0=2-3	Popmx
6291	00.46	Live Wire Radio	0=3-4	0=4	
6297	11.13	WMR	0=4	0=3	//7384
6401	09.16	WNKR	0=4	0=3-4	Popmx
6450	09.28	Unid	0=4	---	Briefly
6911	07.27	Radio Dublin	0=2-4	0=2-3	
7360	10.13	BRI	0=4	0=3-5	//6232
7380	11.43	WMR	0=2-5	0=3	Qsy from 7384
7380	13.00	Sugar Foxtrot 03	0=1-2	---	
7380	13.05	Radio Jupiter	0=1-2	---	
7384	11.31	WMR	0=1-4	0=3	Qrm;//6297

AUGUST 29TH : TUNE IN TO
FRS-HOLLAND !!

«FRS GOES DX» THE MAGAZINE FOR FREE RADIO ENTHUSIASTS

SUNDAY APRIL 12th 1992 (Cont.)

7386	11.38	Radio Brigitte	---	---	
7446	07.05	Radio Stella	0=3	0=2-3	//11413
7473	07.30	RWI	0=4	0=3-4	//11401
7484	08.36	Radio Marabu	0=1-2	0=2	
11401	10.33	RWI	0=4	0=4	//7473
11413	07.00	Radio Stella	0=3-4	0=3	//7446
12255	07.30	Radio Fax	---	0=1-2	//6205
13666	11.21	Voice of Europe	0=4	0=4	Non-stop mx

SATURDAY APRIL 18th 1992

3910	21.15	Radio Fax	0=5	0=4	//6205
3945	20.06	WNKR	0=4	0=3-4	Rockmx
6201	17.28	Radio Orang Utan	0=3	0=4	Brief test
6205	07.29	Radio Fax	0=5	0=3-4	
6220	07.30	DLLR 106	0=5	0=2-3	Popmx
6260	15.19	Naff-FM	0=4	---	
6261	23.06	Radio Helgoland	---	0=2	
6239	09.10	Radio Merlin	---	0=3	E,popmx
6275	09.03	WFRM	0=5	0=3-4	Final broadc.
6285	23.09	Radio Pirana	0=4	0=3	Sp,LA mx,mail
6290	22.53	Radio Pirana	0=3	0=3	E,test
6290	23.17	Radio Confusion	0=3-4	0=3	Popmx
6296	23.24	Romantic Space Radio	---	0=2	Russian
6300	15.42	Radio Mi Amigo	0=4	---	
6305	23.04	Unid (Zenith?)	0=4	0=4	Cont. music
6911	07.31	Radio Dublin	0=4	0=2-3	
7381	23.35	Radio Peace in Act.	0=4	---	
7426	13.52	Radio Mi Amigo	0=3-4	---	Test ?
7473	12.32	World Comm. Service	0=3	0=3	Via RWI tx
7591	12.08	Unid	0=3	---	Rap mx
11401	12.35	WCS	0=3	0=3	//7473
13667	10.02	Voice of Europe	0=3	0=3-4	Popmx

SUNDAY APRIL 19th 1992 (Easter Sunday)

3910	17.21	Radio Fax	0=2	0=2-3	//6205
3945	00.10	WNKR	0=4	0=4	Strong!
3945	21.20	Radio Pirana	0=3	0=3	E,infos,test
6201	07.37	Radio Orang Utan	0=3-4	0=4	Popoldies
6200	10.02	FRS-Holland	0=4	0=4	Joop ter Zee
6205	07.32	Radio Fax	0=5	0=3-4	Popmx
6220	07.33	DLLR	0=5	0=3	Popmx
6226	09.40	Star Club Radio	0=1	0=2	G,oldies
6232	08.02	Southern Music R.	0=4	0=1-3	Via JRR
6232	09.03	Radio London	0=4	0=1-3	Via JRR
6232	10.50	JRR	0=4	0=1-3	
6239	10.09	Radio Carrier Wave	0=4	0=3-4	E,ID's,popmx
6240	07.34	Radio Merlin Int.	0=2-4	0=2	
6242	08.54	Radio Carrier Wave	---	0=2	Qsy to 6239
6265	13.12	Radio Caroline	0=4	---	Relay via ?
6275	09.08	WFRM	0=4	0=3-4	Final one

FRS GOES DX: 10 YEARS YOUNG !!

SUNDAY APRIL 19th 1992 (Cont.)

6280	09.55	Ozone Radio	0=4	0=1-2	
6288	09.15	Unid	0=4	0=2-3	Offsh. docum.
6289	09.55	Radio Ridiculous	---	0=2-4	Noordwijk addr
6290	09.52	Radio Orion	0=3-4	0=2-3	
6295	03.19	PFBS	0=4	0=4	
6296	00.30	Radio Without Bord.	0=3	---	
6296	03.01	WMR	0=3-4	0=4	
6299	03.00	Live Wire Radio	0=3	0=4	
6299	18.00	Radio Mutiny	0=4	---	
6305	07.59	Unid	0=5	0=2-4	See news
6401	09.00	WNKR	0=4-5	0=4	Popmx
6401	10.02	WFRL	0=4-5	0=4	Via WNKR
6530	09.49	Radio Brigitte	0=3-4	0=3-4	
6545	10.41	Unid	0=1	---	
6630	10.21	WNKR	0=1-2	---	No WNKR tx
6911	07.36	Radio Dublin	0=4	0=2-3	
7140	08.08	Radio Italia Int.	---	0=2	It,phone in
7415	00.00	RPiA	0=4	---	
7415	04.10	WSKY	0=2-3	0=1-2	US pirate
7467	10.13	Radio Atlantic	---	0=3-4	E, test
7473	07.35	WCS	0=3-4	0=3	
7484	08.58	Unid	0=1-2	---	
7591	08.52	Unid	---	0=4	Herbie the F.?
11401	12.15	WCS	0=3	0=4	//7473
13668	09.16	Voice of Europe	0=4	0=4	Non-stop mx

MONDAY APRIL 20th 1992 (Easter Bank Holiday Monday)

3910	17.07	Radio Fax	0=5	0=3	
6201	08.01	Radio Orang Utan	0=3-4	0=4	testing new tx
6201	09.09	Radio Perfect	0=3-4	0=4	1st Birthday
6205	06.58	Radio Fax	0=5	0=3-4	//12255
6220	06.35	DLLR	0=4	0=2	
6223	11.50	Radio Mutiny	0=4	---	
6224	13.06	Radio Mi Amigo	0=2-4	---	Test broadc.
6232	08.09	Britain Radio Int.	0=2-4	0=3	Extra trm
6233	15.08	Radio Hot Cross Bun	0=4	0=3	Via Mutiny
6233	16.50	Radio Barnacle	0=3	0=3	
6240	09.08	Radio Helgoland	---	0=3	Low mod
6275	13.05	Radio Anorak	0=3-4	0=2-4	E,French addr
6280	10.00	Radio Perfect	0=3-4	---	
6280	12.05	Radio Ridiculous	0=3-4	---	
6288	07.56	Radio Rabbit Int.	---	0=4	Oldies
6290	07.23	Radio Vanessa	0=4	---	Popmx
6292	09.10	Total Control Radio	0=3-4	0=2-3	E, popmx
6296	00.39	WMR	0=3	---	
6299	12.16	Radio Mutiny Int.	0=3-4	---	
6299	14.40	Sierra Foxtrot	0=1-2	0=2	
6300	08.10	Radio Confusion	0=4	0=2-4	
6300	14.49	UK Good Music	0=3	---	
6300	16.07	Radio Pamela	0=4	---	
6300	16.58	WNKR	0=4	---	
6911	06.59	Radio Dublin	0=1-4	0=2	

MONDAY APRIL 20th 1992 (Cont.)

7275	07.16	Radio Black Eagle	---	0=3-4	See news
7425	11.45	Radio Mi Amigo	0=1	---	
7473	08.03	World Comm. Service	0=2-3	0=3	Caroline Story
7479	08.05	Radio Benelux	0=2-3	0=3-4	Rockmx
11401	10.31	WCS	0=2-3	0=3-4	//41 m
12255	07.50	Radio Fax	---	0=3	//6205
13666	13.16	Voice of Europe	0=4	0=4	

SATURDAY APRIL 25th 1992

3910	22.36	Radio Fax	0=5	0=4	//6205//12255
3945	22.12	WNKR	0=4	0=4	Sat night pxs
6205	08.53	Radio Fax	0=5	0=3	
6260	09.50	4FWS	0=3	0=2	Relay via ?
6275	20.55	Radio Anorak	0=3-4	0=3	
6911	07.31	Radio Dublin	0=4	0=2-3	
7446	22.31	Radio Stella	---	0=2	E, Stella DX

SUNDAY APRIL 26th 1992

3910	19.05	Radio Fax	0=4-5	0=4	Reflections
6205	10.17	Radio Fax	0=4-5	0=3	
6221	07.10	DLLR	0=4	0=2	E, popmx
6222	00.35	Radio Silverbird	0=3	---	
6226	07.53	Star Club Radio	---	0=3	G, oldies
6232	07.23	Jolly Roger Radio	---	0=3	
6232	09.07	Radio London	0=4-5	0=2-3	Via JRR
6232	11.15	BRI	0=3-4	0=3	//7360
6235	10.01	Radio Gemini	0=4	0=2-3	
6235	15.47	Radio Anorak	0=4	---	
6239	10.04	Radio Merlin	0=3-4	0=2	
6266	12.31	Freesound Radio	0=3-4	0=2	
6266	15.34	Radio London	0=4	---	Via Freesound
6275	07.38	Radio Anorak	0=4	0=2-4	Bad mod
6280	09.42	Ozone Radio	0=4	0=1-2	
6284	13.46	Veronica AM	0=3-4	---	
6285	02.01	Live Wire Radio	0=4	0=4	
6285	02.07	Radio Pirana	0=4	---	
6289	00.03	Radio Pirana	0=4	---	
6290	00.49	Radio London	0=4	---	
6290	02.32	WMR	0=4	---	
6290	10.48	Radio Orion	0=4	0=2	E, popmx
6291	02.12	LWR	0=4	0=4	
6295	03.01	Radio Pirana	0=4	---	
6299	11.14	Freesound Radio	0=4	---	
6300	10.20	Radio International	0=3	0=3	Morse QRM
6401	09.01	WNKR	0=4-5	0=3-4	
6527	07.51	CRS	---	0=3-4	Improved audio
6527	08.35	Radio Equinox	0=4	0=3-4	See news
6567	11.25	Radio Brigitte	0=3	0=2-3	E, music
6911	08.00	Radio Dublin	0=4	0=3	

SUNDAY APRIL 26th 1992 (Cont.)

7360	11.20	BRI	0=3-4	0=3-4	
7446	07.41	Radio Stella	0=3-4	0=3	//11413
7468	10.15	Radio Atlantic	---	0=3	E,music
11390	09.35	Marconi Radio	0=2	0=2	It,popmx
11413	10.22	Radio Stella	0=3	0=3	//7446
12255	07.10	Radio Fax	---	0=4	//6205

SATURDAY MAY 2nd 1992

3910	17.42	Radio Fax	0=5	0=3	Popmx
3945	20.09	WNKR	0=4	0=3-4	Rockmx
6205	07.39	Radio Fax	0=5	0=3-4	//12255
6232	23.30	Jolly Roger Radio	0=4	0=3	Country mx
6260	12.25	Unid	0=2-4	---	Non-stop mx
6270	23.30	Radio Silverbird	0=3-4	0=3-4	E,test
6275	18.29	Unid	0=3-4	---	Only music
6285	23.40	RWBI (Russia)	---	0=2	Popoldies
6286	23.29	KIWI	0=2	---	
6299	23.35	Unid (2 stations?)	---	0=1	E,popmx
6300	12.08	Radio Confusion	0=4-5	---	
6300	23.15	Midlands Music R.	0=3	---	
7446	23.30	Radio Stella	---	0=2	E,Jock Wilson

SUNDAY MAY 3rd 1992

3910	17.08	Radio Fax	0=4	0=3	Reflections
3945	06.27	WNKR	0=4	0=3	
6205	08.26	Radio Fax	0=5	0=3-4	Oldies
6216	10.05	Radio Brigitte	0=4	0=4	E,Jukebox
6220	07.09	DLLR	0=4	0=2-4	
6225	08.05	Capital Radio	0=4	0=3	Fax address
6226	08.10	Radio Perfect	0=4	0=3	G,letters
6226	10.32	Star Club Radio	---	0=3	G,oldies
6226	13.14	European Pirate R.	0=3-4	---	
6232	08.07	Jolly Roger Radio	0=3-5	0=3	E,popmx
6239	10.18	Radio Carrier Wave	0=4	0=4	
6240	07.12	Radio Merlin	0=3-4	0=2	
6269	10.32	Unid	0=2	0=2	Techno mx
6273	00.16	Radio Pirana	0=4	0=3	Sp,popmx
6280	08.13	Süd-West Radio	0=2-4	0=4	150W !
6280	09.19	Ozone Radio	0=3-4	0=2	E,rockmx
6280	11.18	Nordlicht Radio	---	0=3	G,CQ
6282	09.33	Capital Radio	0=4	---	QSO with Ozone
6285	00.00	RWBI	---	0=2	E,ID's
6285	00.57	JRR	0=2-3	---	
6290	01.00	WNR	0=3-4	---	
6290	01.16	Radio Pirana	0=4	---	
6290	10.23	Radio Orion	0=4-5	0=2-3	
6400	09.10	WNKR	0=4-5	0=2-4	Usual format
6527	08.28	Radio Equinoxe	0=1-3	0=2-3	Via CRS
6527	10.00	CRS	0=3-4	0=2-3	E,popmx
6554	10.00	Radio Antenne West	---	0=3	G,test
6565	07.43	Radio Brigitte	---	0=3	Oldies,bad mod

SUNDAY MAY 3rd 1992 (Cont.)

6820	12.58	Unid	0=3	---	Unmod. carrier
6911	10.00	Radio Dublin	0=3-4	0=3	
7140	08.17	Radio Italia	---	0=2	It,popmx
7446	07.14	Radio Stella	0=4	0=3	//11413
7473	06.15	RWI	0=3-4	0=3	E,G,DX infos
7473	07.13	Radio Paradise	0=4	0=3	See news
7473	09.06	Alt. SW	0=3	0=3	DX-px
7479	08.18	Radio Benelux	---	0=43-4	//11390
11390	09.42	Radio Benelux	0=4	---	//7479
11401	06.15	RWI	---	0=4	//7473
11413	12.00	Radio Stella	---	0=3-4	//7446
12255	06.17	Radio Fax	---	0=4	//6205

MONDAY MAY 4th 1992 (Bank Holiday)

3910	17.46	Radio Fax	0=4-5	0=3	
3945	05.36	WNKR	0=4	0=2-3	Extra trm
6205	07.24	Radio Fax	0=4-5	0=3-4	//12255
6279	12.03	Unid	0=3	---	
6290	09.20	Radio Confusion	0=3-4	0=2-4	Sign-off 12.02
6296	09.54	Unid	0=3	0=3	Music
6400	09.11	WNKR	0=4	0=3-4	
6911	08.45	Radio Dublin	0=2-4	0=3	
7446	11.16	KING Radio	0=3	---	

SATURDAY MAY 9th 1992

3910	20.30	Radio Fax	0=4-5	0=4	Popmx
3945	20.27	WNKR	0=4	0=3-4	
6205	20.30	Radio Fax	0=4-5	0=4	//3910
6212	10.39	Radio Delta	0=4	0=4	
6214	20.28	Unid	---	0=3	Shadows mx
6240	07.29	Radio Merlin	0=3-4	0=2-3	
6260	09.11	Unid	0=2-3	---	Caroline tape
6273	23.24	Radio Diablo	---	0=2	Finnish
6290	23.10	Radio Confusion	0=3-4	0=4	E,music
6295	23.10	PFBS Radio	0=4	0=2-4	4 guests, live
6300	10.40	Freesound Radio	0=3-4	---	
6300	23.52	Unid	---	0=2	Heterodyne
7446	23.56	Radio Stella	0=3	0=4	Jock Wilson

SUNDAY MAY 10th 1992

3910	15.54	Radio Fax	0=2	0=2	Reflections
6205	07.25	Radio Fax	0=2-4	0=3-4	//12255
6215	12.23	Unid	0=1-4	0=2	Dutch ?
6219	12.24	KING Radio	0=3	---	
6219	14.51	Radio London	0=2-4	---	
6220	11.23	DLLR	0=1-3	0=2	
6225	08.50	Capital Radio	0=3	0=3	
6232	08.23	JRR	---	0=1-3	
6232	12.22	BRI	0=1-4	0=2-3	Oldies
6262	09.15	Radio Marabu	0=1-2	0=2	Via NISWRS

SUNDAY MAY 10th 1992 (Cont.)

6280	09.26	Unid	0=1-2	---	Cont. music
6280	11.28	Ozone Radio	0=1-4	0=1	
6290	01.00	Romantic Space R.	---	0=3	Via relay?
6290	10.01	Unid	0=1-2	---	
6290	12.17	Radio Orion	0=1-2	0=1-2	
6290	15.00	Radio Confusion	0=3	0=2-3	
6295	00.00	PFBS Radio	0=4	0=2	CQ to RSR
6295	08.55	Veronica AM	0=2-3	0=3	E, test
6296	13.13	Unid	0=1-2	---	
6400	09.20	WNKR	0=2-4	0=3	E, popmx
7446	09.00	Radio Stella	0=2	0=2	//11413
7473	09.02	RWI	---	0=2	Popmx
11413	09.05	Radio Stella	---	0=1-3	//7446
13662	09.11	Voice of Europe	---	0=3	

SATURDAY MAY 16th 1992

3910	17.26	Radio Fax	0=4-5	0=2-3	Popmusic
3945	21.43	WNKR	0=3-4	0=3-4	
6205	07.13	Radio Fax	0=5	0=3-4	//12255
6214	13.11	Unid	0=4	---	Dutch
6220	08.08	DLLR	0=5	0=3	
6232	14.54	JRR	0=3-4	---	
6233	11.54	UK Radio	0=3-4	---	Popmx
6297	23.20	WMR Scotland	0=4	0=3-4	
6911	08.03	Radio Dublin	0=4	0=3	
7446	13.33	Radio Stella	0=3	---	
13666	08.47	Voice of Europe	0=3-5	0=3-4	Non-stop mx

SUNDAY MAY 17th 1992

3910	18.44	Radio Fax	0=4-5	0=3	Reflections
6200	09.42	Radio Delta	---	0=4	
6205	08.16	Radio Fax	0=5	0=3-4	//12255
6214	10.49	Unid	0=2	0=2	
6221	11.56	Unid	0=3	---	
6226	03.33	Star Club Radio	0=3	---	Nighttime test
6226	08.12	Star Club Radio	0=2	0=2	
6232	07.53	JRR	0=4-5	0=2	
6232	11.58	Radio London	0=3-5	---	Via JRR
6233	14.30	Radio Orion	0=4	---	
6239	08.10	Radio Merlin	0=4	0=2	See news
6243	12.22	Ozone Radio	0=3	---	
6262	03.44	Radio Silverbird	0=4	0=4	
6265	11.31	Ozone Radio	0=2	---	Utility QRM
6275	09.27	Radio Schaduwjager	0=4	---	On top of FRSH
6275	07.59	FRS-Holland	0=2-4	0=2-4	
6280	10.01	Ozone Radio	0=4-5	---	
6290	10.01	Radio Orion	0=4	0=2-3	
6296	10.32	Veronica AM	0=2-3	---	
6297	01.22	Radio Pirana	0=3	---	
6300	01.25	Total Control Radio	0=4	---	
6400	08.38	WNKR	0=4-5	0=3-4	Non-stop mx

SUNDAY MAY 17th 1992 (Cont.)

6911	08.01	Radio Dublin	0=4	0=3	
7360	08.44	BRI	0=3	0=3	
7473	07.32	RWI	0=4	0=3-4	
7479	07.54	Radio Benelux	0=1-2	0=3-4	German/rockmx
7484	08.43	Radio Marabu	0=1-3	0=3	
9987	01.00	Radio Confusion	0=3	---	See news
11389	09.24	Radio Benelux	0=4	0=3	//7479
11404	09.18	Radio Delta Elburg	0=3	0=2-4	Test broadcast
11422	10.02	Radio Titanic Int.	0=3	---	
12255	09.53	Radio Fax	---	0=3	//6205
13666	09.56	Voice of Europe	0=3	0=3	
15040	13.08	Radio Pirana	0=2	---	

SATURDAY MAY 23rd 1992

3910	16.13	Radio Fax	0=2-4	0=2	//6205//12255
3945	21.39	WNKR	0=2-4	0=3	
6220	07.36	DLLR	0=5	0=3	Music
6226	17.18	Unid	0=2	---	Music
6232	13.57	JRR	0=3	---	
6240	23.32	Live Wire Radio	0=3	0=4	E, popmx
6270	22.44	Radio Silverbird	0=4	0=4	
6275	11.46	Radio Mi Amigo	0=1	---	
6293	23.20	Radio Gloria	0=4	0=2	CQ call
6400	13.45	Radio Mi Amigo	0=3	---	
6911	10.34	Radio Dublin	0=1-2	0=2	

SUNDAY MAY 24th 1992

3910	05.24	Radio Fax	0=5	0=2-3	
3928	23.00	Radio Pirana	0=3	---	
3933	23.12	Live Wire Radio	0=4	---	
3945	05.45	WNKR	0=4	0=1-3	
6215	09.25	Unid	0=2	---	Non-stop mx
6220	08.34	DLLR	0=4	0=2-3	
6226	07.41	Capital Radio	0=2-3	0=1-2	See news
6232	08.07	JRR	0=2-3	0=3	
6232	09.12	Radio London	0=4-5	0=2-3	Via JRR
6243	09.49	Ozone Radio	0=1-3	0=3	New freq?
6280	09.10	Unid	0=3-5	---	Music
6290	10.00	Radio Orion	0=1	---	
6296	10.03	Veronica AM	0=2	0=1-3	
6400	08.58	WNKR	0=1-3	0=2-4	E, popmx
6355	10.00	Radio Brigitte	0=3	0=1-3	Mod not clear
6911	12.43	Radio Dublin	0=2-4	0=2	E, popmx
7446	10.10	Radio Stella	0=1-2	0=2-3	//11413
7591	10.06	Unid	---	0=2-3	Announ 7315
11413	08.37	Radio Stella	0=3	0=2-3	//7446
12255	10.26	Radio Fax	---	0=3	

The Short Wave addresses:

- 1 = P.O.Box 220 342 - DW-5600 WUPPERTAL - Germany.
- 2 = P.O.Box 19074 - 3501 DB UTRECHT - The Netherlands.
- 3 = 32 Victoria Road - SALISBURY - Wiltshire SP1 3NG- UK
- 4 = P.O.Box 130 - 92505 RUEIL Cedex- France.

MONDAY MAY 25th 1992 (Bank Holiday)

3910	05.47	Radio Fax	0=5	---	
4004!	01.40	WMR Scotland	0=1	---	
6275	08.17	Unid	0=4	---	Briefly..
6290	08.55	Radio Confusion	0=4-5	0=2	Infos,music
6290	17.55	Radio Orion	0=1	---	
6297	00.14	WMR Scotland	0=4	---	
6299	16.16	Freesound Radio	0=3	---	
6911	08.08	Radio Dublin	0=4	0=2	Popmx
7435	03.30	Radio New York Int.	0=5	0=4-5	
7435	04.01	Radio Caroline	0=5	0=4-5	Via RNI
11417	10.05	Radio Titanic Int.	---	0=3	Test
12255	11.00	Radio Fax	0=2	---	fading out
13668	07.35	Voice of Europe	0=3	---	
13800!	11.30	Radio Pirana	0=3	---	See news

SATURDAY MAY 30th 1992

3910	17.08	Radio Fax	0=5	0=2-3	
3945	20.56	WNKR	0=4	0=2-3	
6205	08.37	Radio Fax	0=3-5	0=3	//12255
6220	08.26	DLLR	0=4-5	0=2-3	
6220	15.17	Midlands Music Radio	0=3	---	
6225	14.45	Capital Radio	0=4	---	
6226	20.55	Star Club Radio	---	0=2-3	US test/22W
6232	10.04	JRR	0=3-4	---	
6233	16.30	Radio Mutiny	0=3-4	---	
6285	21.25	Unid	---	0=3	
6290	16.15	'RCI'	0=4-5	---	
6296	22.26	Romantic Space R.	---	0=3	See news
6295	23.25	RWI	---	0=3	Via RSR
6299	16.00	'RCI'	0=4	---	
6300	14.25	Radio Mutiny	0=4	---	
6554	15.20	Nordlicht Radio	0=3	---	
6555	09.25	Radio Delta Elburg)	0=3	---	
6555	10.11	Radio Brigitte	0=2	---	
6555	11.33	Radio Santana	0=1	---	
6911	08.29	Radio Dublin	0=1-3	0=2-3	Popmx
7446	23.00	Radio Stella	0=3	0=3	Jock W.
11401	22.50	RWI	---	0=2	
11422	22.32	Radio Titanic Int.	---	0=2	E,G/popmx

SUNDAY MAY 31st 1992

3910	17.05	Radio Fax	0=2-5	0=2	Reflections
3945	06.11	WNKR	0=4	0=2-4	
6205	07.15	Radio Fax	0=4-5	0=3-4	//12255
6214	12.53	Radio Costello	0=3	---	
6220	09.26	Midlands Music R.	0=4	---	
6220	07.16	DLLR	0=4	0=2-3	E,popmx,addr
6226	08.20	Star Club Radio	0=2-3	0=2	G,popmx
6232	08.49	JRR	0=1-4	---	
6232	11.30	KING Radio	0=4	0=1-2	Via JRR

SUNDAY MAY 31st 1992 (Cont.)

6240	11.03	Radio Merlin	0=4	0=2	
6243	11.33	Ozone Radio	0=2	0=1-2	
6280	09.10	Unid	0=4-5	---	Music only
6282	07.54	Radio Rabbit	0=3-4	0=3	G,popmx
6285	10.42	Radio Pirana	---	0=3	Sp,LA mx
6288	08.36	SCR	---	0=2	Echo ID's
6290	11.25	Radio Orion	0=4-5	---	
6295	10.16	Freesound Radio	0=4	0=2-3	
6300	16.05	Freesound Radio	0=4	0=1-2	Last Sun sched
6300	15.40	Radio London	0=4	---	Via Freesound
6302	09.59	Radio Overflow Int.	0=4-5	0=2	See news
6400	11.15	WNKR	0=4-5	0=2-3	
6553	08.07	Radio Brigitte	0=2-4	0=3	
6911	09.13	Radio Dublin	0=1-4	0=2-3	
7275	11.17	Radio Dutchboy	---	0=4	
7446	09.15	Radio Stella	0=1-3	0=3	//11413
7473	10.10	RWI	0=2	0=2	
11401	09.17	RWI	0=1	---	//7473
11405	08.10	Unid	0=4	---	
11413	09.16	Radio Stella	0=3	0=2	//7446
11420	09.52	Unid	---	0=2	Finnish,popmx
12255	10.59	Radio Fax	---	0=2	//6205
13666	09.18	Voice of Europe	0=4	0=4	From Italy

SATURDAY JUNE 6th 1992

3910	20.41	Radio Fax	0=4-5	0=3-4	Too low mod
3945	17.07	WNKR	0=4	0=3	Popmx
6205	06.54	Radio Fax	0=5	0=3-4	//12255
6220	06.55	DLLR	0=4-5	0=3	
6225	14.52	Capital Radio	0=4	---	
6232	23.15	FRS-Holland	0=4	0=4	See FRS Newsc
6232	23.42	JRR	0=1-2	---	
6240	08.44	Radio Merlin Int.	0=2-4	---	
6275	18.33	WNKR	0=3	0=2	//3945
6275	22.15	RWI	---	0=2	
6290	08.57	Radio Orion	0=3	0=1	
6911	10.21	Radio Dublin	0=4	0=3	
7415	22.33	Radio Titanic	---	0=3	US test
11417	23.00	Radio Titanic	0=2	0=2	Test,not//7415
12255	22.22	Radio Fax	---	0=3	//6205//3910
15040	22.05	Radio Pirana	---	0=1	Fading in...
15055	22.21	Unid	---	0=1	Deep fading

SUNDAY JUNE 7th 1992 (Whit Sunday)

3910	17.08	Radio Fax	0=5	0=3	Reflections
3945	00.00	WNKR	0=4	0=3-4	
6200	10.12	Radio Delta Ruurlo	0=3	0=4	QSO-ing
6201	07.39	Radio London	0=4	0=3	Via Orang Utan
6201	08.05	Radio Orang Utan	0=3	0=3-4	
6205	07.00	Radio Fax	0=5	0=3-4	//12255
6215	09.37	Unid	0=3	---	

SUNDAY JUNE 7th 1992 (Cont.)

6221	08.46	DLLR	0=4-5	0=2	
6225	01.29	FRS-Holland	0=3-5	0=4	See FRS Newsc
6225	08.00	Capital Radio	0=2-3	0=1-2	
6232	07.59	JRR	0=4	0=2	
6239	08.46	WMR	---	0=2	Brief test
6240	10.00	Radio Pacman	---	0=3	QSO-ing
6262	08.23	Radio Marabu	0=3-4	0=2	Alt. popmx
6262	12.33	NISWRS	0=3	---	
6279	11.04	Unid	0=1	---	
6290	09.19	WMR	0=4	0=2-3	
6290	10.00	Radio Orion	0=5	0=2	E, popmx
6290	14.23	Unid	---	0=2	E, DX-infos
6400	09.09	WNKR	0=1-4	0=3	E, popmx
6550	09.03	Radio Brigitte	0=3	0=3	Bad mod again
6911	11.06	Radio Dublin	0=4	0=2-3	
7140	07.20	Radio Italia Int.	---	0=2	It, popmx
7275	07.25	Radio Mona Lisa	0=2	---	
7380	08.03	Radio Pacman	0=3	0=3	5W only!
12255	09.30	Radio Fax	0=3-4	0=3	//6205
13667	07.29	Voice of Europe	0=4	0=4	It, popmx
15040	13.20	Radio Pirana	0=4	0=2	E, Sp/DX-infos
15043	01.42	He-Man Radio	0=2	---	US station
15050	13.09	Radio Gloria Int.	0=2	---	

MONDAY JUNE 8th 1992 (Whit Monday)

3910	17.36	Radio Fax	0=2-5	0=3	
6205	17.10	Radio Fax	0=3-4	0=3	
6225	07.45	Radio Peace in Act.	---	0=3	Talk Radio
6226	13.11	Capital Radio	0=3	---	

SATURDAY JUNE 13th 1992

3910	21.38	Radio Fax	0=4	0=4	//6205//12255
3945	21.18	WNKR	0=3	0=3	
6200	11.25	Delta Ruurlo	---	0=4	Non-stop mx
6205	07.22	Radio Fax	0=5	0=3-4	
6213	08.58	Delta Saterland	---	0=3	
6220	11.08	Radio Pluto	---	0=3	E, D, test
6221	07.23	DLLR	0=5	0=3	Popmx
6223	23.00	Unid	0=3	0=2	Music
6230	13.40	Unid	0=4	---	Music
6232	15.04	Free Radio S. London	0=4	---	See news
6288	19.29	Unid	---	0=2	on & off
6295	10.57	Freesound Radio	0=3-4	0=1-2	E, popmx
6300	19.30	Radio Orion	0=4	0=2	The Big 'O'
6911	10.59	Radio Dublin	0=2-4	0=2-3	
7275	09.00	Radio Black Eagle	---	0=3-4	
7446	22.50	Radio Stella	0=3	0=2	
12255	09.25	Radio Fax	---	0=3	//6205

SUNDAY JUNE 14th 1992

3910	18.09	Radio Fax	0=3-4	0=2-3	Reflections
3945	07.27	WNKR	0=4	0=3	
6200	08.20	Delta Ruurlo	0=3	0=4	Aerial test
6205	07.28	Radio Fax	0=5	0=3-4	Popoldies
6214	10.17	Unid	0=4	---	
6220	08.11	DLLR	0=4	0=3-4	Popmx
6226	09.59	Capital Radio	0=3	0=2	
6226	10.26	Star Club Radio	---	0=4	QSO-ing
6232	07.15	JRR	0=4	0=2	
6232	09.47	BRI	0=4	0=3	12th Birthday
6233	14.12	Radio Pamela	0=4	---	
6242	10.02	Ozone Radio	0=2-3	---	
6277	09.15	Nordlicht/Helgol.	---	0=2	On & off
6277	10.05	CRS	0=2	0=3	Non-stop mx
6282	07.43	SCR	0=3	0=3	Infos
6282	09.55	Radio Benelux	---	0=3	//7479
6288	10.26	Unid	---	0=4	Music
6290	10.03	Radio Orion	0=4-5	0=2	Rockmx
6310	07.18	Radio Merlin	0=3	0=2	
6398	13.41	Radio Orion	0=4	---	
6400	09.03	WNKR	0=4-5	0=2	E, popmx
6551	13.04	Unid	---	0=4	Bad mod; polka
6555	16.20	Delta Ruurlo	---	0=3	D, E; QSO
6555	16.23	Nordlicht Radio	---	0=4	QSO-ing
6555	16.27	Radio Pluto	---	0=3	QSO-ing
6911	08.15	Radio Dublin	0=1-4	0=3	Popmx
7357	11.10	Unid	---	0=3	Polkas...
7446	07.15	Radio Stella	0=3	0=2	//11413
7473	09.53	Alt. SW	0=2	0=2	Utility
7473	08.15	RWI	0=2	0=2	
7479	09.48	Radio Benelux	0=2-3	0=4	G, rockmx
7484	09.56	Radio Marabu	0=1	0=3	E, alt. mx
11413	07.14	Radio Stella	---	0=2	//7446
12255	16.55	Radio Fax	---	0=2	Reflections

SATURDAY JUNE 20th 1992

3910	21.11	Radio Fax	0=5	0=4	
3919	22.54	Radio Pirana	---	0=2	Test//6286
3920	22.29	Radio Titanic	---	0=2	E, test
3928	22.38	Radio Pirana	0=4	0=3	LA mx//6286
3945	20.40	WNKR	0=2-4	0=3	E, popmx
6205	08.56	Radio Fax	0=5	0=3	//12255
6220	07.20	DLLR	0=4-5	0=3	Popmx
6226	12.55	WGPO	0=3	---	
6232	13.57	JRR	0=2	---	
6232	22.07	Concept FM	0=3	0=2	Via JRR?
6232	23.16	JRR	0=4	0=2	low mod
6275	21.44	Radio Mi Amigo	0=4	0=2	E, popmx
6284	21.53	RWBI	0=3	0=3	Russian
6286	22.53	Radio Pirana	0=3	0=2	Test, RWBI QRM

SATURDAY JUNE 20th 1992 (Cont.)

6305	07.21	Unid	0=5	0=3-4	See news
6911	10.17	Radio Dublin	0=4-5	0=3	
7446	21.50	Radio Stella	---	0=2	//11414
11401	22.40	RWI	---	0=1	
12255	20.40	Radio Fax	---	0=3	//3910//6205

SUNDAY JUNE 21st 1992

3910	19.12	Radio Fax	0=5	0=3	Reflections
3945	06.36	WNKR	0=4	0=3	
6205	07.54	Radio Fax	0=5	0=3-4	Popoldies
6219	09.44	Radio Pluto (tent.)	---	0=3	Techno beat
6226	08.17	Capital Radio	0=4-5	0=2	E, popmx
6232	08.29	Radio London	0=5	0=2	Via JRR
6232	09.13	JRR	0=5	0=1-2	
6239	09.15	Radio Merlin	0=2-4	0=1-2	
6243	10.15	Ozone Radio	0=3-4	---	
6244	00.12	LWR	0=5	0=4	
6245	00.31	Radio Pirana	0=3	---	
6245	01.00	WMR	0=4	0=3	
6262	15.44	RPiA	0=2-4	---	Via NISWRS
6290	10.42	Radio Orion	0=3	0=2	
6291	01.36	Radio Pirana	0=3	---	
6291	01.43	LWR	0=3	0=3	
6299	12.17	Overflow	0=3	---	
6299	15.08	WNKR	0=3	---	
6305	07.57	Unid	0=5	0=3	Loop tape
6310	08.51	Radio Merlin	0=3	0=1-2	
6400	09.28	WNKR	0=4	0=3-4	//9960
6911	09.24	Radio Dublin	0=4	0=2-3	
7275	09.19	Radio Dutchboy	0=3	0=3	
7446	07.59	Radio Stella	0=4	0=2	//11413
7473	07.54	SMR	0=3	0=3	Via RWI
7473	08.01	RWI	0=3	0=3	
9960	10.10	WNKR	0=2	0=2	//6400; bad mod
11401	06.50	RWI	---	0=2-3	//7473
11413	11.03	Radio Stella	0=2-5	0=2-3	//7446
12255	11.13	Radio Fax	0=4	0=3	//6205
15038	13.07	Radio Pirana	0=2	---	

SATURDAY JUNE 27th 1992

3910	21.45	Radio Fax	0=4	0=4	
3945	21.46	WNKR	0=4	0=3-4	Popmx
6205	07.13	Radio Fax	0=5	0=3-4	//12255
6225	21.13	Level 48	0=3	0=4	See news
6232	15.02	JRR	0=3	---	
6262	21.18	European Pirate R.	0=3	0=3	Via NISWRS
6271	23.50	Radio Silverbird	0=3	0=3-4	
6286	21.33	RWBI	---	0=3	Russian
6295	23.22	RWBI	0=3	---	
6911	09.08	Radio Dublin	0=4	0=2-3	Popmx

SUNDAY JUNE 28th 1992

3910	16.59	Radio Fax	0=5	0=2	Reflections
3945	06.26	WNKR	0=3	0=2	
6205	08.04	Radio Fax	0=5	0=3-4	//12255
6219	14.57	Radio London	0=2	---	
6225	11.44	Capital Radio	0=4	0=3	
6232	07.55	JRR	0=4	0=2	
6232	08.05	BRI	0=1-3	0=2-3	Popmx
6234	01.13	Level 48	0=4	0=3-4	Pirate Andy
6239	07.57	Radio Merlin	0=1-3	0=2-3	Popmx, E
6242	10.47	Ozone Radio	0=2-3	0=1-2	
6280	07.50	Unid	0=4	0=3	Cont. music
6282	08.30	Level 48	0=1-4	0=3-4	SCR dj
6290	10.13	Radio Orion	0=3-5	0=2-3	Rockmx
6294	19.36	FRS London	0=3	---	See news
6298	01.09	WMR	---	0=4	//7384
6300	10.30	Freesound Radio	0=2-3	0=2-3	
6400	09.15	WNKR	0=3-4	0=3	
6553	10.05	Radio Brigitte	0=3	0=3	
6911	10.14	Radio Dublin	0=4	0=2-3	Popmx
7384	01.20	WMR	---	0=2	//6298
7446	08.08	Radio Stella	0=3	0=2	Jock Wilson
7473	10.06	RWI	0=2	0=3	//11401
9960	09.05	WNKR	0=2	0=1	//6400
11401	10.28	RWI	---	0=3	//7473
11413	08.05	Radio Stella	---	0=2	//7446
12255	09.13	Radio Fax	---	0=3	//6205

SATURDAY JULY 4th 1992

3910	21.34	Radio Fax	0=3-4	0=3-4	//6205//12255
3945	21.35	WNKR	0=4	0=3-4	
6205	08.05	Radio Fax	0=5	0=3	Popmx
6223	15.37	Unid	0=2	---	
6232	14.37	Radio London	0=3	---	Via JRR
6232	15.51	JRR	0=3-5	---	
6232	22.02	RPiA	0=2	---	Via JRR ?
6240	08.04	Radio Merlin	0=3-4	0=1-2	
6240	23.19	Unid	0=3	---	
6276	23.38	Subterranean Sounds	0=3	---	
6280	11.51	Unid	0=3	---	
6295	22.20	Unid (KIWI ?)	---	0=3	Via RWBI ??
6911	11.08	Radio Dublin	0=4	0=2-3	Popmx
7446	22.27	Radio London	0=4	0=2	Via Stella
7446	23.08	Radio Stella	0=3	0=2	

SUNDAY JULY 5th 1992

3910	17.01	Radio Fax	0=5	0=2-3	Reflections
3945	06.22	WNKR	0=2-4	0=2-3	Rockmx
6205	08.33	Radio Fax	0=5	0=3	Popoldies
6225	07.47	Capital Radio	0=4-5	0=2	E, popmx
6232	07.29	Radio Marabu	0=2-5	0=3	Via JRR

SUNDAY JULY 5th 1992 (Cont.)

6232	09.29	JRR	0=4-5	0=2	
6239	01.18	Radio Freewa(y)(ve)	0=4	---	
6239	07.33	Radio Freewa(y)(ve)	0=4	0=2	Reggae mx
6240	14.00	Unid	0=3	---	Female voice
6262	09.59	Radio Marabu	0=4-5	0=2-3	Via NISWRS
6276	01.20	Unid	0=1	---	Rockmx
6290	11.10	Radio Orion	0=3-4	0=2	
6400	09.03	WNKR	0=5	0=3	
6911	08.236	Radio Dublin	0=4	0=2-3	
7425	09.19	Radio Brigitte	0=3	0=3	
7446	08.02	Radio Stella	0=5	0=3	E,DX-infos
9960	11.20	WNKR	0=2	0=3	//6400
11413	09.05	Radio Stella	0=5	0=3	//7446
12255	09.06	Radio Fax	0=4	0=2-3	//6205

SATURDAY JULY 11th 1992 *

3910	17.58	Radio Fax	0=1-4	0=2-3	
6205	07.25	Radio Fax	0=5	0=3-4	Popmx
6220	07.27	DLLR	0=5	0=3	
6232	22.55	JRR	---	0=3	low audio
6239	22.56	Radio Benelux	---	0=3	Rockmx
6245	23.22	Radio London	---	0=3	Andy Winter
6275	15.06	WNKR	0=2	---	
6276	13.52	Fruitcake Radio	0=4	---	
6276	23.09	RWBI (tent.)	---	0=2	Much talk
6277	14.50	Unid	---	0=4	E,popmx
6290	12.05	Unid	---	0=2	Music
6291	22.55	Total Control R.	---	0=3	E,rockmx
6300	11.01	Freesound Radio	0=2	---	
7446	22.55	Radio Stella	---	0=3	
11401	20.20	RWI	---	0=4	

SUNDAY JULY 12th 1992 *

3910	17.20	Radio Fax	0=1-4	0=2	Reflections
6201	07.43	Radio Orang Utan	0=5	0=4	15th Birthday
6205	07.25	Radio Fax*	0=5	0=3-4	Popodies
6220	07.26	DLLR	0=5	0=2	Popmx
6225	08.03	Capital Radio	0=5	0=2	
6234	08.40	Laser Hot Hits	0=3	---	Test broadc
6238	10.13	Radio Gemini	0=3	0=2	
6242	09.32	Ozone Radio	0=4	---	
6290	10.08	Radio Orion	0=4	0=2	
6400	08.55	WNKR	0=5	0=3	E,popmx
6540	09.58	Station Sierra S.	0=2	---	
6911	07.29	Radio Dublin	0=4	0=2-3	
7446	07.27	Radio Stella	0=5	0=3	//11413
7473	07.29	RWI	0=3	0=3	
7473	08.18	Rainbow Radio Ger.	0=2	0=3	Joe Licher
7479	07.55	Radio Benelux	0=3	0=4	G,rockmx
7484	08.18	Radio Marabu	---	0=2	Alt. music
11401	08.20	Rainbow Radio Ger.	---	0=3	//7473

s.w. news

SUNDAY JULY 12th 1992 (Cont.) *

11413	06.45	Radio Stella	0=3	0=3	Stella DX
12255	07.50	Radio Fax	---	0=3	//6205

TRANS-ATLANTIC RECEPTION EURO PIRATES

It's time to summarize reception of European SW hobby pirates in North America. We'd like to thank Andrew Yoder for the info !

Name of station	Date	Time	Freq.	SIO	Details
Radio Kite	22-03	00.46-02.00	6290	233	Mx/ID's
DLLR	22-03	01.21-02.30	6220	333	Pop & rock
Radio Mi Amigo	22-03	02.03-02.10	6250	343	Soft rock
Radio Ridiculous	22-03	02.40-03.19	6253	322	Test to N.A.
Radio Tower	28-03	01.02-02.00	15050	---	Peter de J.
Romantic Space R.	21-03	23.51-00.45	6276	242	Russian
WMR	29-03	01.08-03.00	6290	0=3	Live pxs
WMR	29-03	01.08-01.50	15043	0=2	Very weak
DLLR	18-04	02.22-05.25+	6221	---	Rock & jazz
Live Wire Radio	18-04	23.45-04.35	15050	333	Loop tape
DLLR	26-04	04.28-04.45	6221	211	Popmx
Live Wire Radio	25-04	00.05-00.15	15050	211	Mostly talk
DLLR	31-05	03.40-04.00	6221	222	Relay FM st.
Live Wire Radio	07-06	02.27	15044	222	
WMR	07-06	01.14-02.23	15044	333	QSO-ing
Radio Stella Int.	21-06	00.03-01.50	7446	211	Bob Seger
Radio Stella Int.	28-06	00.20-01.49	11413	111	ID's

As we are missing Pirate Pages issue 76, we cannot provide you with all details. That's the reason that there's a gap between April 25th and May 31st. For the record: FRS-Holland was received March 15th in the USA and June 6th/7th in the USA and Canada !!



CONDITIONS

Despite we are in the middle of the summer period, conditions have been quite favourable. Not continuously but better than expected ! For instance on Sun July 26th conditions were good with a very strong Fax signal during daytime on the continent. The month of May gave some very unstable & unfavourable conditions. Just take a look in the logbook and convince yourself: May 10th, 17th and 24th were real bad ! Nighttime conditions on 75, 41 & ofcourse 48 metres remain excellent.

GENERAL

Activity has been quite positive. Thanks to the nighttime possibilities 48 metres remains interesting during Summer time and that's a good thing ! 6.5 MHz isn't used as much in compare with a few months ago. 3.9 MHz seems to be attractive among stations: WMR, Pirana, Titanic, LWR, WNKR & Fax were already to be heard in the past few months, perhaps others (FRSH ??!) will follow. Signals are really excellent during nighttime. A good example is WNKR using a low-powered tx providing the continent with a real strong signal (almost) as strong as radio Fax !! Still no sign of a come-back of RECC on 6.8 MHz. But a few other new stations made their debut broadcasts on SW. Among them Overflow, Level 48 (German joint venture), Radio Freeway (or is it Freewave ??), Veronica AM and Free Radio Service London. Read all the news on the upcoming pages....

Our friend Morris from the UK sent some info with regard to RADIO MERLIN INT.'s court case.

Paul Watt of RMI appeared at Chelmsford Magistrates Court on Tues May 5th and was accused on numerous charges brought by the DTI. Most important accusation: setting up and operating an illegal radio station and causing interference on the mobile maritime band.

It seemed that the Radio Investigation Branch of the DTI intended on making an example of RMI and its station-manager. Paul felt that in these circumstances he had no option but to contest the case and pleaded "NOT GUILTY" to all charges brought against him. On hearing Paul's not guilty pleas the DTI officer in charge of the case jumped to his feet and demanded that the proceedings ought to be adjourned to the Crown Court.

Rather strangely the DTI Solicitor didn't seem to agree with this idea and was quietly overhead saying to some of his colleagues that the DTI would be better placed if the case remained in the Magistrates Court.

This action begs the question whether there is some obvious flaw or loophole in the 1949 Wireless Telegraphy Act and its subsequent Telecommunications or Broadcasting Acts that might be exposed if a case was taken into a higher court.

The second phase of this case is due to take place on Tues August 4th and once again will be at Chelmsford Magistrates Court.

It seems that IF Paul Watt can successfully fight this case and WIN, it might just help any other station operator that gets caught. To fight the case Paul needs support, help and most importantly....cash. If there's any way..however small...in which you feel that you can help Paul, then please contact him at the following UK address: Box 1218, Chelmsford CM1 4BD in the UK.

In order to get a legal support fund going the station has T-shirts for sale and is also offering to broadcast music programmes from any DJ anywhere in the world for the sum of £ 5 per hour on air. Don't forget to enclose return postage when expecting a reply from Paul.

Onto the broadcasting sidenow...RMI is still continuing and was heard a few times in May and June (6239 & 6310). Signals on the continent are quite poor. RMI is broadcasting most Sundays as well as every 1st Sat. It is said that the station uses 100W but when looking at the signal-strength 10W is more likely... Or does the station use a very ineffective aerial system ? Address is the Chelmsford one. Good luck to Paul Watt in August !!

CAPITAL RADIO from the banks of the River Liffey in Ireland popped up on SW early May on 6225/6226 kHz and has been very active ever since. Almost every Sun but also during a number of weekdays. On Sundays Capital starts at around 07.00 UTC and power is said to be 120W. Signal on the continent is poor, in the UK a solid signal is being received. The address is The Forge, Cranleigh, Surrey GU6 4BG in the UK. And if this sounds familiar to you, you still are a good insider: it's the Fax address.

WEST & NORTH KENT RADIO is still going strong, at least when you look at the station's activity. The 3945 outlet produces an impressive signal into Europe Sat nights. This All Night Service is continued although it hasn't been heard all July weekends ! Sun mornings WNKR can be heard on 6400 with a fine signal. In June 9960 was twice running in parallel with 6400. Two faithful station people, Andy Walker & Terry Phillips will leave WNKR. Andy Walker who already closed down 'his' WFRL project on Easter Sun, announced in June on WNKR that he will quit at the end of August. There seem to be a few reasons for his departure. One is that the weekly pxs is too much for him. Another highly important reason is the lack of response from SW listeners. Andy discussed the matter in his column in Pirate Chat issue 21/22 and more about this elsewhere in this FRS Goes DX. Andy will also quit his Pirate Chat column but he will remain active within the (free) radio world: he's currently on Radio Fax with regular shows. Interesting was Andy W.'s Free Radio Show June 7th in which he discussed the current state of Free Radio. Several phone calls made this programme very interesting..!

Station OP Barney thinks the station will survive despite the deejay crew breaking up. July 5th saw the introduction of a new DX-Show called 'Midnight's Morning DX' presented by Steve Midnight. This show continues to be aired every first Sun but the time slot is different: 10.30- 11.00 UTC. Sat June 27th WNKR had to deal with a broken aerial and 3945 pxs commenced at 21.00 UTC rather than a few hours earlier. Address is (1).

The CLANDESTINE RADIO SOCIETY hasn't been noted in recent weeks. The last trms were noted May 3rd on 6527 kHz with at least a reasonable mod level. A further broadcast was heard June 14th on 6277. Could this be an off 48 mb trm or a new frequency ?? Reasons for the inactivity are unknown but we expect to hear something from station-manager Mikel Air. Address is (1).

RADIO PIRANA INT. may not be confused with a Dutch medium station broadcasting on Wed evening on 1508 kHz. As you may discover in the logbook, Pirana has been very active in recent months with broadcasts on 75, 48, 41 & 19 metres. Power is between 100- 300W. The station broadcasts all kinds of music with Latin American music being the station's favourite. It was intended to test to North America in July with some 1000W on the 13700 kHz range but we don't know whether this has already taken place. For this purpose a directional aerial would be used instead of the usual Inverted V dipole. Thurs May 21st tests were noted on 13 MHz. Address is c/o Stefan Printz, Kamnarsvagen 13D:220, 22646 LUND in Sweden.

BRITAIN RADIO INT. celebrated its 12th birthday June 14th. Congratulations to each and everyone involved, especially Roger Davis. FRSH is just two months younger than BRI and the contacts between FRS and BRI are good. Since May 10th BRI is back on its full 4 hour service. A new reliable transmitting site has been found securing the station's future activities. JRR relayed a message announcing the Birthday on 6232. The real pxs started at 08.00 UTC. The first 90 minutes 100W were used and as from 09.30 UTC onwards 18W (good old 807 valve). Roger Davis told FRSGDX that it was intended to use 41 metres (7360) in parallel with 6232 but unfortunately this didn't happen. A proposed second 48 mb outlet wasn't heard neither. A pity !! As far as we know the Birthday schedule consisted of: Jane, a look back to 12 years of BRI on SW, Chris James (former BRI deejay), Steve West and the Top 10 of June 14th 1980 when BRI officially started on SW. All day long only music from the 1980- 1992 period was played. Some of BRI's Birthday pxs were repeated June 28th on 6232. Hopefully the station got a good response on their 12th Birthday broadcast, no doubt Roger and his crew deserve it !! BRI was missed Sun July 12th. On that date Laser Hot Hits (original name..) made a test broadcast on 6234. IF BRI would have been on, the two stations would have been interfering with each other as BRI is using 6232 as a fixed frequency for already a long time. Addresses: (3)/(4).

VERONICA AM started as a London based FM station and then switched to the medium wave. May 10th the station made its debut on SW on 6296 with a power of approx. 10W. More Veronica AM was noted in the following two weeks but nothing was noted in June & the first two weekends in July. Whether they have given up medium wave for good is not known. Fact is that a small 5W tx was stolen on May 10th by rivals from a block of flats in East London. The latter was reported in Pirate Chat issue 21/22. Address is: 82 Woolpack House, Kettering Road, Enfield, Middlesex EN3 6UU in the UK.

The **PIRATE FREAKS BROADCASTING SERVICE** popped up with a nighttime trm Sat May 9th. Some guests were in Pirate Andy's studio and the tx was switched on & off a number of times. Zno doubt there was some trouble with the tx 'cause harmonics were noted on 6341 & 6389 kHz !! Address is Box 386, 5900 AJ VENLO in Holland.

At last some interesting info from the German SW scene. **LEVEL 48** (original name!!) is the name of a new project which in fact is a joint venture of: SCR, SWR, PFBS, Charlene, Vanessa, Universum, Rabbit and Bonanza (?). Sat night June 27th Level 48 started at 22.00 UTC on 6226 and early Sun mornings a swich was made to 6234 because of interference. A strong signal was noted. Sun June 28th during daytime Level 48 was on 6282 with a fair/good signal. Future plans are not known but perhaps the station will become a fairly regular 48mb station... The address is the one used by Süd West Radio: P.O.Box 1243, DW-6685 SCHIFFWEILER in Germany.

FREE RADIO SERVICE LONDON seems to be a brand new SW project on 48 metres. A test was conducted on Sat June 13th on 6231 kHz (and later 6223) putting out old Radio Free London tapes (RFL used to be a famous London based medium wave pirate dating back to the late 1960's). Sun evening June 28th more old RFL tapes were heard on 6294 kHz. According to Free DX the station uses an own tx and wasn't relayed. Free DX claims there is no connection with stations such as WFRL (now defunct), WNKR, Mi Amigo or Radio London from Andy Winter. The name of Radio Anorak is mentioned in connection with FRSL. Address is unknown at present time.

RADIO PACMAN from The Netherlands tested out a small 5W tx on Sun June 7th on 7380. At least in Holland a solid signal was heard !! Address is Box 103, 8120 AC OLST in The Netherlands.

RADIO PEACE in ACTION was noted June 21st via the facilities of the NISWRS on 6262. Pxs consisted of political talks and interviews and were hosted by Mark Jones. Whit Mon June 8th RPiA was heard on 6225 kHz. Address is (1).

Last time FRSGDX reported that the 6305 tx in Ireland (Radio Harmony) was re-activated. That was in April. Then there was again silence on 6305. Thurs June 18th however non-stop music was heard on 6305 and ever since the 6305 tx has been heard with regular intervals though not continuously. Power is asid to be 2 kW ERP but in all fairness we have to admit that the signal on the continent is rather disappointing. Much of the time there is serious utility interference on 6305. In the UK the signal is very strong. Perhaps the aerial system is not optimal. Word has it that the tx belongs to Radio Zenith Int. There's a good chance that the organisation owning the tx will lease airtime to a number of SW stations as well as to Radio Caroline. We await further developments !!

RADIO STELLA INT. continues with weekly broadcasts on 7446/11413 kHz. Early May station OP Jock Wilson went to the Irish site to carry out a number of improvements. For instance the aerials are now hanging higher. As already reported a few months ago the 6 MHz trms have been cancelled (for the time being ??) due to intermixing with Radio Fax's 6205 signal. RSI and Fax do broadcast from the same location. 7446 and 11413 are doing well. Especially on 11413 some good signals were noted in June. Two Australian DX-ers heard RSI on 7446 kHz during its overnight trms which is ofcourse a result to be proud of !! Address is 23 South Beechwood, Edinburgh EH12 5YR in Scotland.

RADIO CONFUSION broadcasted an Eurovision special Sat night may 9th 23.15- 01.00 UTC. Two tests were carried out Sat night may 16th on 9987 and these were heard well in Scandinavia ! More tests can be expected in the future. Address is (3).

RADIO GERONIMO got a good response for its April 5th trm. As reported in the previous issue Geronimo produced some very good signals on the continent on 6275 & 7420 kHz. The result was some 35 letters which is- speaking in 1992 terms- a very good result. There are plans for trms on 17500 kHz with 20W and indeed: on Tue May 12th a 20W signal was fed into a loop aerial on 17500 between 18.45- 20.45 UTC. Plans are to continue on this high frequency, however, not in a regular way. Address is (1).

RADIO SILVERBIRD from the Netherlands has become a fairly regular SW broadcaster with mainly nighttime trms in the 6270 area. May 17th the station tested to North America on 6262. June 27th Silverbird was logged on 6270 with a strongish signal. During the latter broadcast it was announced that a further nighttime trm is to be expected August 1st between 23.30- 06.00 UTC. Silverbird transmits every last Sat of the month during nighttime. Address is Box 13, 7595 ZG WEERSELO in Holland. Judging the strong signal Silverbird is using a 100W+ tx.

Some of you may get confused from all those Delta Radios in Holland... Most active one in recent months has been **RADIO DELTA** from Ruurlo. Broadcasts are mainly on 6200 although on June 14th 6555 was used. A new home-built tx is in use giving at least 200W of power. Address is Box 65, 7260 AB RUURLO in Holland. May 17th a test was carried out on 11404 but we think it was Delta Radio from Elburg and not the Ruurlo one !?!

RADIO DUBLIN continues on 6911 kHz and despite all kinds of rumours power seems not to be upped to 1 kW. Interesting is the Anorak px which used to be on Fri but moved to Sat 13.00- 14.00 UTC. Sun between 13.30- 14.00 UTC there is Dublin station news. It seems that Dublin is once a month on satellite via Solar Radio in London. See also satellite news feature.

RADIO FREEWAY was first heard Sat July 4th on 6239 with a loop tape introducing the station to the listeners. Studios are based in Scotland while the tx location is in Ireland. The station will not be running a regular schedule. There are plans for 3 MHz trms as well. Address is Box 1218, Chelmsford, Essex CM1 4BD in the UK

RAINBOW RADIO GERMANY made a come-back (??) via the txs of RWI in France Sun July 12th on 7473/11401 kHz. Future plans are not known. The address is Box 202, DW-6440 BEBRA in Germany.

Interesting to know is that a few Dutch 41 mb stations are currently monitored on 7275 kHz. 7285 was a favourite channel but a strong legal station is nowadays making it impossible to use 7285. And thus a move has been made to 7275. Heard on that frequency are: Radio Black Eagle (April 20th & June 13th; Box 11, 7954 ZG Rouveen), Radio Dutch Boy (May 31st; Box 13, 7710 AA Nieuwleusen) and Radio Mona Lisa (June 7th; same ad-

dress as Radio Black Eagle. Keep an eye on 7275 kHz.

RADIO BENELUX from Germany celebrated two years of SW activities with a celebration programme Sun June 14th on the usual 7479 and 6282 in parallel. During the pxs a tel. number was mentioned. Usually Benelux is on 41 & 26 metres but obviously June 14th was an exception. Address is (1).

The Unid on May 9th on 6260 could have been **RADIO EAST COAST COMMERCIAL**. Despite some rumours RECC hasn't returned yet on 6.8 MHz, we'll await further developments. Address is K-Flats, 9-11 Church Street, Cromer, Norfolk in the UK.

EUROPEAN PIRATE RADIO returned to SW via the tx of the NISWRS on 6262 kHz. That was on Sat June 13th & 27th late in the evening. Address is 14 Stone Row, Coleraine, County Londonderry BT52 1EP in Northern Ireland.

FALCON RADIO from the UK made an unexpected return on SW May 28th (Thurs) via the txs of Radio Fax. Station OP Peter Moss was heard among others. Falcon seems to plan a return with their own equipment and their address used to be (4). However, during the Fax relay the The Forge, Cranleigh address was mentioned.

LIVE WIRE RADIO have been noted a number of times during nighttime. Most pxs were aired on 48 metres although a few broadcasts were also in the 3.9 MHz range (3933, 3945 & 3955). LWR's 150W main unit produces a more than good signal in the UK but also on the continent. Unfortunately LWR isn't able to carry out daytime trms and that's the reason the station is always active in the middle of the night. Address is 30 Pinewood, Ballybrack, County Dublin in Ireland.

RADIO OVERFLOW INT. is one of the many new UK SW stations. Just like many other newcomers on SW, Overflow is not a new radio station but originally began as Freedom Overflow on FM in the Colchester area of Essex. The station was popular but closed down December 31st 1990 due to the British Broadcasting Act. However, in January 1991 Overflow returned on FM with its obscure music format. Due to the high risks one takes when being on FM, the station's people decided to change to SW with a 3rd Sun schedule. May 31st a new episode in Overflow's broadcasting life began with a debut trm on 6302 with a strong signal in the UK and a poor/fair one on the continent. Sign-on was at 08.00 UTC and the three hour broadcast produced some 35 letters. June 21st a 2nd SW broadcast was made on 6299. Both times Overflow Int. was being relayed as the station doesn't have its own broadcasting equipment although it's the intention to purchase soon a SW tx. Overflow will be using 6300 as a fixed frequency but as soon as the 6305 Zenith tx in Ireland will be definitively re-activated, Overflow will be changing to perhaps 6285 kHz. The station has an interesting info-package for those dropping them a line. Address is Box 1218, Chelmsford, Essex CM1 4BD in the UK.

RADIO ORANG UTAN celebrated its 15th birthday July 12th. The station was on its fixed 6201 kHz frequency and reception was very good. Most of those 15 years R.O.U. was on MW. Address: Box 114, 7040 AC 's-Heerenberg, Holland.

RADIO FAX continues with its 24 hour a day 7 days a week format on 3910 (0.5 kW), 6205 (2 kW) & 12255 (0.2 kW). The latter can now be heard with better results and during longer intervals on the continent, due to a changed propagation pattern. The line-up hasn't undergone dramatic changes and that means you can hear on...

Mon/ Tue 'Sparks' with media and technical news;
Wed/ Thurs 'Archive Programme' dr Tommy Murphy;
Fri/ Sat Various shows including Jody;
Sun 'Classic Gold' with Paul Bentley.
Sun Eve 'Reflections': religious pxs.

As far as we know it's still the plan to broadcast each day a different programme. Future will tell when and if this happens. 3910 is really excellent during late evening and night. 6205 is fair during daytime and strong during nighttime. Mid May Radio Fax had to deal with a set-back as Croatian Radio occupied 6210 causing serious interference to Fax's 6205 outlet, especially when using the wide filter on your receiver. Station-manager Trevor Brooke has complained about Croatian Radio's appearance on 6210 but the truth is that Radio Fax isn't able to lay any claim to 6205. Hopefully the station will get the reward it certainly deserves: an official broadcasting licence for UK SW programming !! Addr.: The Forge, Cranleigh, Surrey GU6 4BG in the UK.

FREESOUND RADIO from the UK is now on air every 2nd Sat and last Sun of each month. Most pxs are carried out in the 6300 kHz area. Sun May 31st the 4th Birthday was celebrated, congratulations. Signal quality is fair/good in the UK and poor/fair on the continent. Mark King, Rick James and David Lee are hosting the shows. Address is (4). Here are the programme schedules:

Second Saturday	Last Sun of the month
12.00 Mark King	12.00 Mark King Rock Show
12.45 The Black Widow	13.00 Freesound Gold- Rick James
13.30 David Lee	14.00 The Radio Show-Mark King/R.J.
14.15 Close Down.	15.30 Radio London relay
	17.00 Richard Grahamme
	18.00 Close down.

All times in UTC !!

OZONE RADIO was forced to leave temporarily 6280 because the 6280 X-tal had cracked. A move to 6242 was made making use of Radio Vatican's absence on 6245 during part of the Sun morning. Talking about Vatican Radio: they moved down from 6248 to 6245 kHz. Ozone will return on 6280 after purchasing a new X-tal. weekly trms continue with good signals in the UK.

RADIO TITANIC INT. has been fairly active on 75, 41 & 26 metres (see logbook). Frequencies have been 11422, 3920 & 7415. Watch out for their birthday pxs which will be aired in the next couple of weeks. It's likely the birthday shows will be aired during more than one occasion on a number of frequencies. Are we right RTI will be 17 years old ?? Address is (1). Dave Scott- remember him from Radio Apollo!- will be presenting a Birthday Show on RTI among others. Early August RTI will be relayed via RWBI (Sat evenings 22.00 UTC 6285/6290 area). More tests could take place on 3920 & 15035 or 15055.

s.w. news

WEEKEND MUSIC RADIO has been active mainly during the nightly time slots. So now and then WMR founder Dave Anderson was co-hosting the pxs !! Early Monday morning May 26th WMR was even logged on 4004 kHz. Various 48 mb channels have been used such as 6295, 6235, 6240 & 6305. WMR used a 50W tx although the station also has a 100W unit. Drop them a line and a nice info-package including a nice sticker will be yours. Address is 23 South Beechwood, Edinburgh EH12 5YR in Scotland.

RADIO WAVES INT. remains a very regular SW broadcaster. May 24th and June 7th RWI was not active due to other commitments. A number of 11401 trms have been carried out during Sat evenings. May 30th RWI was heard on 6296 via RWBI from Russia. The RWI Story Volume 5 1989 part 2 is now available featuring Radio Pogo 104, Radio Joystick, Radio Starline, Radio USA & The Voice of Stench. For £ 5.00/ 50FF it is yours (incl. P&P). Address is (4).

RADIO MARABU continues with broadcasts on 6262, 7484 & 6285. And as we reported two months ago the station now is on satellite too via the audio sub-carrier of TV Norge on the Intelsat VA-F12. The frequency is 7.74 MHz normally used by Radio Northsea. As from May 11th onwards Marabu is on 7.74 Mhz. That means weekly Monday evening trms between 23.00- 02.00 CEST. It's a pity that this Intelsat VA-F12 is a low-powered satellite and for good reception you need at least a 1 metre dish, 1.2 metres should be better. But it remains fantastic to be on satellite, that's a fact !! Marabu can be contacted via (1).

RADIO CARRIER WAVE was raided, together with Radio Mike, on Sun May 3rd at 12.30 UTC (14.30 local time). Some of the equipment was confiscated by the police and O.C.Z. (compare the latter with DTI): no less than 4 transmitters (SW & MW), an antenna tuning unit, a SWR metre and a few programme tapes. The OP of Radio Carrier Wave thinks someone has blown the whistle on him. Carrier Wave wasn't active anymore on medium wave and very few SW trms had been carried out in recent months. The main SW tx was an ex-army tx which had a power of 100W with 100% modulation. Reports have been received from all corners of Europe and even Africa !! Radio Carrier Wave considers to return by the end of this year from a new location. We wish him and the Radio Mike OP GOOD LUCK and hope to hear them again in the upcoming months. The address is P.O.Box 2188, 3000 CD ROTTERDAM in Holland.

KIWI RADIO- The Rock of the South Pacific- will be on air August 29th and September 26th. As the frequencies are relatively low for such a long distance (KIWI transmits from New Zealand) chances of catching KIWI on 5850 or 6060 are rather small. Most of the time KIWI make use of relay stations. For instance May 2nd the station was relayed via RWBI in Russia on 6286 kHz. When writing to the station expect to receive a nice QSL and a sticker. The station should be active in the early hours. Address is Box 1437, Hastings in New Zealand.

THE SW NEWS SECTION WAS PRODUCED WITH THE INDISPENSABLE HELP OF **PIRATE CHAT** FROM THE UK. THANK YOU DAVID !!!

s.w. news

Do you remember RADIO G'DAY from Australia ? The station was on the air over the Easter weekend April 17th, 18th & 20th. Using a 20W tx with a dipole antenna Radio G'Day tested on 11400 kHz which was very unfavourable because of RWI using 11401 for their European trms. June 7th/ 8th the station tried again on 26 metres 11412 and 19 metres 15040 kHz but we cannot reveal whether they succeeded. They tested during 5 different time slots. Address is Box 2474, Boroko, NCD, Papua, New Guinea.

During the April/ May period a number of European stations were received in New Zealand: JRR, Capital Radio, DLLR and Mi Amigo. All were received around 06.00 UTC.

Hi FFFReaks,

Summer time has come and that means a new pirate season began in Russia. Yes, since the end of march Russian free radio listeners have picked up some nighttime tests. There were some simply cool receptions just like Radio Ridiculous (received in Russia for the very first time) and a very strange station whose name sounded like Radio International Intercompania Musical. Also we were very glad to hear "too much beer" broadcast presented on March 29th 1992 by WMR OP and friends. Thank you very much Jack, Bill and Jock, we heard a pirate programme of such style for the very first time ! And now let me turn to our free radio scene. In this issue I am presenting you some bits of information on RBSI, RWBI and RSR. A RSR QSL-card is enclosed and a funny picture for West European pirates drawn by my good friend Alex.

NEWS ROUND-UP

RBSI- Radio Black Sea Int. had some SSB tests around 6886 kHz during March. There were stupid pxs on air with a live guitar playing and very short ID's: "Radio Black Sea Int. from Black Sea Shore". Since March the RBSIOP had also some QSO's with Russian and foreign hams. By the way: during these tests and QSO's the Rueil France (RWI) address was given ! Hi guys in France, don't be confused when you receive letters with the strange abbreviation RBSI. In the near future RBSI is planning to change the broadcasting range to the 6600- 6800 kHz area. But also everyone could find RBSI on ham bands at any time. If you suddenly would hear this station, you could contact it via P.O.Box 55 in Moscow. RWBI. Oh, there's so much news on it. First of all let me return to FRS Goes DX 114/115. There was info published about an UNID December 8th 1991 (page 23) on 7415 kHz. Really, it was the very first relay of RWI, when the RWBI OP called himself Eastern European Relay Service. At this time there are also tapes of JRR (Ireland) and KIWI (New Zealand) for relaying (KIWI was already relayed-PV). A very remarkable event took place on RWBI March 21st/ 22nd. To celebrate the first anniversary of the station, the RWBI OP decided to do a full day broadcast (24 hours with some 2 hours break). During a morning break the OP had a chance to hear some very rare Latin-American stations here (Radio Fides 4845, Bolivia/ Radio Cora 4915, Peru). Signals were fine and recordings of these exotic LA tropical stations were aired for Russian listeners during a daytime part on Sunday. During that 1st anniversary broadcast, RWI's and RSR's shows were also played. At this moment we have info that this great show was heard in Lietuva (Lithuania), Latvia, Czechoslovakia, England, Finland and in various parts of Russia. By the way, this broadcast was the very first one, that an open telephone line was used. There were some calls from Moscow, Riga, Voronezh & Rostov. Concerning open telephone line shows, I can say that RWBI is planning to do such a nighttime show during summertime, when atmospheric conditions are better to reach Europe. Important: RWBI can now be received via Box 29, Moscow 109444 in Russia. The Box 55 address is no more !! Don't put a station name on the envelope but instead Igor.

RSR- Radio Romantic Space reaches Western European listeners with the kind help of English colleagues. If Western DX-ers like these shows and if DJ Arty gets references and reports RSR will record special shows which will be aired via RWI France. A last point on RSR: if you would like to get RSR's QSL, please send correct reception reports and some return postage to Box 29, Moscow 109444 in Russia. Don't put the station-name on the envelope but Artiom ! Registered mail is preferable. And that's it, sincerely yours in Free Radio, Artiom. Enjoy our pictures !!

FREE RADIO FIGHTER FROM RUSSIA

RSR

ROMANTIC
SPACE
RADIO

P.O. BOX 29
MOSCOW 109444
RUSSIA

PIRATE RADIO SHOWS FROM MOSCOW

DEAR

RSR's show received by yourself, really was relayed

VIA:
IN:
AT:
ON:
SINPO:

QSL

THANK YOU FOR LISTENING
STAY TUNED AND FFR FOREVER
73 DX

Please note that Artiom writes his articles exclusively for FRS Goes DX. The above report arrived just after issue 116/117 was printed. So keep in mind Artiom wrote the report sometime early May !!

And now some extra info which wasn't included in Artiom's article but certainly of interest. RSR was heard April 18th on 6296, May 10th on 6290 at 01.00 and (see logbook!) and on May 30th during evening time on 6295.

RWBI were heard May 2nd/3rd on 6285, May 30th on 6296 and June 27th on 6285 and later on 6295.

More of Artiom in the next issue of this magazine !!

Some news from medium wave pirates now.

Radio Pirana is a Dutch medium wave station which may not be confused with the SW Pirana operating on 75, 48, 41 & 19 metres ! Pirana started already in 1969 under a different name. The station airs a weekly show on Wed 23.00- 01.00 UTC on 1508 kHz. In contrast with several other Dutch medium wave stations, Pirana plays 50's, 60's & 70's oldies and uses a 1 kW Rohde & Schwarz tx! Address is Box 206, 7570 AE Oldenzaal in Holland.

Rumour has it that the famous Dutch MW pirate Radio Torenvalk (was also active on SW) will return on 1508 kHz with a new tx. And Jean Burnell in Canada received two Dutch pirates, Radio Barones & Radio Nooitgedacht on 186 metres !! Radio Carousel is a breakaway from Veronica AM. This UK station broadcasts on 1494 kHz. Txs to Stefan Printz and Pirate Chat !!!

Howdy again! I guess I'll start off by thanking those people who have written so far. As usual I'm behind in my correspondence (actually, I'm behind in most everything), but I think I'm starting to catch up. So, if you haven't received anything from me yet, it's either coming soon or it's hopelessly lost!

This time, I guess I'll talk some about FCC enforcement and give some general news about the scene over here. The FCC (Federal Communications Commission) is the government agency that controls our communications (obviously). They have authority over licensing all radio and television stations, and they also make regulations that govern allowable amounts of radio-frequency noise from computers and other electronic gadgets.

For years, the FCC has played "hardball" with pirate operators--they spend lots of money busting pirates, and they threaten, lie, and steal to keep them down. I have heard of case where FCC agents posed as an insurance salesman to get into a pirate's house, took equipment without authorization, etc.

The biggest problem with the FCC is that they are not covered in our legal process. The FCC hunts someone down, they decide if the person is guilty or not, and they determine the weight of the fine! In other words, they are "judge, jury, and executioner." It is difficult to fight the FCC in a regular legal court. Funny thing is that they almost always lose in a regular court (i.e. the RNI case).

Part of the problem with the FCC is that they are so hypocritical with their enforcement policies. The government has cut the FCC's budget, so they decided to make individuals deal with interference problems. An example of this would be if a neighbor was running a 1000-Watt linear on the CB band and was wiping your TV and radio reception. Rather than the FCC coming in to stop the problem, you would have to stop it yourself (I know of some people who have had this very problem).

On the other hand, the FCC is still waging war against pirates. In Arizona in February 1992, the head of the FCC flew from Washington (about 3,000 miles) to bust an FM pirate that was running less than five watts, without commercials, and only in the evening hours. In July 1991, the FCC closed down 4th of July Radio on 7404 kHz, which had made fewer than 2 hours of broadcasts that year. In October 1991, the FCC busted a man for relaying Voice of Laryngitis programs on 15050 kHz--he had only operated as a pirate for one day.

This last case is one of the biggest because, the man operating the station was fined \$10,000 (approximately 5,000 British pounds) for 1 day of operation, without commercials on 15050 kHz (hardly a high-priority frequency)! This was the highest fine that a pirate had ever received in the United States (up from the normal first-time fine of \$1,000 in 1991).

As you might expect, most everyone in the pirate scene over here, is quite upset about the latest bombardment of fines and busts--especially in light of the FCC complaining about their huge budget cutbacks. We're hoping that this is a last-ditch attempt by the FCC to fight off pirate radio before they finally lose the battle...if not, it might be an even harsher round of enforcement.

Pirate News

Despite the FCC enforcement scare tactics, pirate radio was at an all-time high in North America in March and April. A number of new stations were on the air, and several of the older ones were back. WSKY and Radio USA were very active at the beginning of the year (Radio USA was, by far, the most active North American pirate in 1991), but they have rarely been on since February.

Some of the more notable activity has been from the "kiddie pirates," The Voice of the Night and WCYC. Both stations are run by operators who are less than 14 years old. WCYC is occasionally active with a mostly

rock/alternative rock music format (i.e. Led Zeppelin, Nirvana, Fugazi, etc.). The Voice of the Night, on the other hand, is operated by a 13-year old boy with a high voice and a deep desire for attention (positive or negative). This kid spent many hours on the air, and for about a month or so he operated every Friday, Saturday, and Sunday evening.

But, rather than conventional programming, The Voice of the Night is usually limited to jamming other stations, playing parts of songs, and saying "hello, hello" over and over again. He has jammed at least 5 different stations, and one night he jammed WSKY for over an hour. On other occasions, he "masturbated" over the air, jammed Radio Fax and Radio Dublin, had a "kill George Zeller" show, and used fake ham callsigns to jam a network of hams who talk about shortwave broadcast DXing. In all of the years that I have been listening to and writing about pirates, I have never seen such a negative response as that for the Voice of the Night. Almost everybody truly despises him.

Several operators in the US have threatened him privately, and it seems to be working. 7415 kHz is once again sounding like a pirate frequency, and not a CB channel.

Some of the excellent-quality pirates that have been on recently include CSIC, Midnight Radio, and The Voice of Shakerag/RBCN. CSIC has been very active since Christmas with about 100 watts from their new Johnson Viking II transmitter. Pirate Rambo, station operator, usually features fake commercials, a commentary or two, and Canadian rock music. CSIC also relays other stations; some of the more recent relays include CRTC, WLIS, and WHIP.

Midnight Radio (more talk, less rock) is a talk show station that usually only plays about one song or so per each 45-minute broadcast. In their only broadcast in 1992, the two DJs (Slam and Zwo) discussed organized religion and its pitfalls. The discussion, ideas, news briefs, and production were excellent--one of the best pirate radio programs I have ever heard. And even though this one only operated once this year for 45 minutes in SSB, the station received over 65 different reception reports!

The Voice of Shakerag and RBCN (Radio Bob's Communication Network) are two new stations that have operated together several times in 1992. The format here has been downhome, hillbilly country comedy skits and music. The broadcasts are supposedly coming from the small town of Shakerag, and the programming is loaded with funny things like odd weather forecasts, used tractor ads, etc. Even though I despise country music, the broadcast that I heard from these guys was a lot of fun--probably one of the best I have ever heard.

Another notable station, which is becoming one of the staples in the North American pirate radio scene is He-Man Radio. This station is basically a heavy-handed parody of "he men." The station covers a lot of "he-men" type activities, with things such as clips of baseball games, bagpipe music with He-Man Jr., and generally sexist talk about keeping women at home, etc. In one of the last shows, the station had a page-by-page run down of the Sports Illustrated swimsuit issue!

Miscellaneous

I'm still plugging away at pirate books, newsletters, and columns for a few newsletters. So, if you have info that you would like to share about your station (in Europe or otherwise), please feel free to send it. I am also quite interested in hearing about tests from Europe to North America; please let me know about these tests so that I can pass the word around. If possible, use 15 MHz or higher! 48 meters is just lousy for transatlantic reception in the summer! Thank you again for all the comments etc, and thanks to the stations that have written in. My address, and the address for most of the stations mentioned in this column, is: P.O. Box 109, Blue Ridge Summit, PA 17214 USA. See ya next time!

US Free Radio News by Andrew Yoder

f.r.s. feature

THE MARK STAFFORD INTERVIEW

And now for the final time, the last episode of the Mark Stafford Interview. He used to be the big man behind the legendary British SW pirate Atlanta Radio. This interview is a MUST for every SW freak !! FRS Goes DX can offer the whole interview for £ 1.50, DM 4.50 or \$ 4.50. You may also send three IRC's. Write to the well-known Herten address. Special thanks to Gerd for all the hard work he did and to Mark himself for helping us in a great way producing this interview.

Q: Did you ever have problems with authorities because of illegal transmissions?

S: On or two close shaves. There was this classic occasion - we don't even know if it were authorities - that we were broadcasting and this car pulled up in the middle of nowhere and this chap got out and walked right down under our aerial. We think it was a radio amateur. But that was probably the closest we came to anything happening. A brave Stuart Clarke was determined to get the transmitter so he rushed back into the field, despite that chap being there, and nicked all the stuff right in front of him. We ended up getting everything back and nothing happened that morning but we don't know what might have happened in say half an hour's time if he had alerted the local DTI or a few more amateurs. It's not so much authorities, it's being close to having troubles with authorities. The other time was a snowy Christmas, Christmas 1981 I think, when we were going back to the site in fact to pack up, because we were trapped in a snow blizzard and we had to get away, when we were approached by two game keepers with guns. Can you believe it? They were looking for poaches, but it was a frightening moment! We just stopped in our tracks: what can you do? We told them that the people who owned the land had given us permission to do what we were doing at that time: doing seismographic survey for the local college! On another occasion we switched on the transmitter at around 9 o'clock in the morning - I think we were running an Atlanta Radio transmission for an hour to be followed by a Radio Mercury transmission - when in the middle of nowhere suddenly a police car appeared and stopped! Well, we ran, man, did we run! We didn't go back for about forty minutes. When we came back we found that the car we had been driving (it was a new one, only three weeks old, but sadly enough I had had an accident with it after two weeks, so it had a nasty dent in one of the wings) had attracted the police, being parked there in the middle of nowhere! So the police had this car traced down! They probably thought that the car had been stolen, used for a joyride (therefore the dent in it) and had been dumped in the middle of nowhere. But it wasn't. That really was a close shave! And it didn't do the nerves any good. Well, I must admit I haven't touched wood, although a lot of the people I've been working with in radio have been caught one way or another down the line.

Q: Can you tell something about what happens on a Sunday when a shortwave transmission is put on?

S: Well, once you get out of bed the thing you have to do is endless checking: have you got everything? I have a

Frs Feature

checklist and a checklist and a checklist! You need to get up early (which I don't like which explains why there haven't been so much Atlanta Radio broadcasts recently) and then go to the site and put the aerial up. And putting the aerial up can often mean standing for fifteen minutes trying to throw a stick up into a tree to get the aerial up as high as possible. Then you connect the transmitter to the aerial and do a few tests. Walking around and check what the groundwave is like, checking the modulation level before we really start. Then we play some non-stop music to warm up and then it is time for the broadcast to start! Then we like to check how things are going. We always take a digital receiver with us to check if there's anyone on the frequency we want to use. But - specially when the conditions are a bit weird - we like also to ring several people up to check things out: if we're not getting any interference with someone else.

Q: Do you enjoy being on FRS Holland?

S: Well, I do like it and I tell you why. When I have to list my choice of stations, even if I wasn't working for the Free Radio Service Holland and even if Peter Verbruggen was not listening to this interview, I would say that of the stations in the eighties that I consider to be first division, FRS Holland would be in the top three of four, along with EMR and Radio Apollo. So it is a privilege to work for the Free Radio Service Holland.

Q: Do you have any future plans in regard to Atlanta Radio?

S: For various reasons there will be more time for Atlanta Radio in the future, so we hope to be on more regularly than we have been. But nothing is set and scheduled right now as to what will happen.

Q: You have been working with several people who are involved with professional radio. Have you ever considered a job within the professional radio world?

S: Well, I'm very lucky. A lot of people I know go into the radio business because they can't find a job that pays them enough money! But in my case: I have a job that pays me a lot of money and I won't give that up to go into radio and end up losing money! Maybe if I had started into radio when I was younger I wouldn't have come that far in my present job and I might have ended up as a discjockey, but I probably started a bit too late for that!

Q: What stations are you listening to in general, not on shortwave?

S: I have to admit I do listen a lot to ILR stations in England, simply because it is the only thing around to listen to a lot of the time! But otherwise I would be listening to Hilversum 3 believe it or not, because ILR in England is so bad and quite often, when I'm on my way to work, I switch on to Hilversum 3 and I find I quite like the morning programmes on there. So I think that's a bad mark for British radio that I have to listen

to Hilversum 3! WRNO I listen to quite a lot, because it is reminiscent to American radio which I love. Radio Netherlands Media Network is another programme I try to listen to whenever I can. But I must admit it is sad that there isn't enough radio to listen to and I quite often find that I stick a tape on because there's nothing on the radio! I'm also very into Medium wave DX-ing, listening to American radio with a loop antenna. That's my personal favorite type of DX-ing and my personal type of radio.

Q: Can you mention a few highlights in your radio career?

S: Apart of my very first days in radio when it was all new and exiting, I can remember working on a station called MOA Radio which was something we did in 1979/1980. It was something we put together with a load of stations to celebrate the Marine Offences Act and I worked along there with people like Nigel Roberts from Radio Utopia and Stuart Clarke was on it and John Dorson. It was a cracking little station, just for that day and I really enjoyed that. Another highlight would be Radio Atlanta being heard in America! I have been involved with several other stations and I think working on a high quality FM station was another highlight. Another highlight was getting into the top three of the poll for the favorite discjockeys by a radio magazine in 1983. I think I was joined third with Tom Anderson and above me was Peter Verbruggen (who's that!) and Dave Scott. Just seeing your name in print and being in the top three: that really was a highlight!

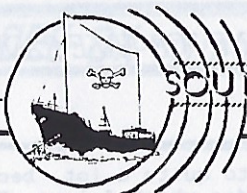
Q: Can you mention some remarkable things that happened during working in the field when putting out Atlanta?

S: Well, that's probably the stuff I mentioned earlier! But I can remember turning out for a broadcast one day, we were just about to unload the car, the boot was already up, wenn suddenly half a battalion of soldiers came marching through the fields! They were on exercises. So, down came the boot and we told them we were going camping there! So that's something to remember: never go broadcasting near an army training camp! Because you are using radio, but they're using radio as well! Although I didn't realise that bit until later on that day.

We have been talking now for over an hour with Mark Stafford, and he is getting a bit tired, and so are we. So we ended this interview with a big thank you to Mark and we hope to be able to hear a lot from him on shortwave in the coming years, be it on Atlanta Radio or the Free Radio Service Holland or whatever!

As most of you will know Atlanta Radio has been leaving the airwaves over a year and a half ago (PV).

FRS GOES DX: 10 YEARS YOUNG!



SOUNDS FROM OFFSHORE

It's time for another episode in the life of Europe's most famous radio station Radio Caroline.

And also in this issue a number of interesting news items. For the news of the Caroline Satellite Group (Dave Asher/Chris England) we refer to the satellite column of this issue.

Friday April 24th: a forgotten piece of news in the previous issue as it was on this date that Radio Caroline was back on 558 kHz. Reason: Spectrum Radio in London offered Caroline two hours airtime between 10 and 12. Johnny Reece presented the show and spoke to Peter Moore and Stuart Payne. During the last 18 (!!) years Stuart Payne regularly informed the readership of The Evening Standard about Caroline. Payne and Moore told the history of the station and typical Caroline music was played. Peter Moore said it would have been very depressing if Caroline wouldn't be able to broadcast during its 28th birthday. That was one reason Caroline applied for a licence. Another reason was to obtain a legal position making it possible to broadcast legally with a special event licence. Moore added that a special event licence wasn't the ideal situation. If Caroline could get a third world country licence, the Ross or another ship would surely be used again from the Int. waters of the Northsea. Stuart Payne witnessed the signing of a contract between Radio Caroline and QEFM enabling Caroline to be on Astra with nightly pxs 7 days a week.

Saturday May 16th: John Knight of the Ross Revenge Support Group gave his opinion about a few tall stories with regard to Caroline and people linked to Caroline. About the fact Steve Conway left the Ross just prior to the commencement of the Dover FM service John said the following. "When the Ross was tugged into the Dover harbour the ship was in a bad condition and we expected that the crew Wendy Sheppard, Neil Gates, Steve Conway & Ricky Jones) would do the best they could to make the ship look better from the inside. They told they loved the ship. I myself saw the ship nearly every week taking care of food supplies and I observed that the ship's condition remained as it was. It was really a mess. I described the situation to the crew as a floating toilet. This situation couldn't be put up with anymore. The crew lived free on the ship and everything they needed was free too. After several meetings we did something out of sheer necessity: we decided to stop supplying the Ross. At the end of march there was a meeting between Peter Moore and the crew and I attended that meeting too. Peter asked the crew whether they wanted to work but apart from Ricky Jones he got a negative response. And so it was decided to put a number of volunteers on the ship to clean the mess. In the meantime the ship has even be painted. As a result Steve, Neil and Wendy decided to open their own info-line criticizing the RRSg and others. We didn't tolerate this negative attitude and froze the money meant to buy food etc. The crew's attitude towards the volunteers wasn't sympathetic at all. It's therefore not so strange that Peter Moore went to Dover to replace the crew. Wendy and Steve left the ship; Neil Gates did present a couple of FM pxs but he too must leave the organisation.

All rumours telling the financial support has been used for other purposes are untrue: the funds enables us to pay

offshore news

«FRS GOES DX» THE MAGAZINE FOR FREE RADIO ENTHUSIASTS

£ 19,000 to the harbour authorities being the costs of the rescue operation." And that's the story told by John Knight of the RRSg.

Tuesday May 19th: Caroline already two weeks on Astra. As you will recall the Dover 101.8 FM service ended Bank Holiday Monday May 4th with an emotional speech of station-manager Peter Moore. The new Astra service commenced when the Dover one closed. Caroline took the 3- 7 am (CEST !) time slot and according to reports £ 400 per month are paid to QEFM.

After two weeks of broadcasting on the audio subcarriers of the Movie Channel Peter Moore is very enthusiast. There's a great response and despite the fact Caroline can only be heard in the middle of the night, many are tuning in our making recordings. There will be talks with potential advertisers and later this year Moore hopes Caroline will be able to do the 19.00- 23.00 time slot on QEFM. Pxs are recorded at various locations and played back at QEFM's Cheltenham studios on VHS Hi-Fi video tapes giving a perfect audioquality.

Wednesday May 20th: Roy Litchfield, QEFM's manager, received a letter from the Radio Authority which explained that the RA had received a complaint regarding Peter Moore's involvement with the legal satellite broadcaster (QEFM). The complaint went on to raise the question of Peter M.'s suitability for involvement with the UK licensed satellite broadcaster in the light of his recent statements indicating his intention to return the Ross Revenge to sea in the future. The letter asked for QEFM's comments on the matter. The management replied that the Caroline programming was put out under control of QEFM and not Caroline's. It was also said that the RA should take a positive view of the fact that Peter M. and Radio Caroline were working within the restrictions of UK's broadcasting laws and weren't currently seeking possibilities to work outside them. The RA have acknowledged receipt of QEFM's letter but didn't make any further comments. The question is: who was the mysterious organisation or person who made the original complaint ??

The Ross Revenge is being prepared for a move to a new mooring. The original plan was to move to Chatham for dry docking at the end of May but this plan was superseded by a plan to move the boat to a short term anchorage at L. on Sea in Essex. This is to enable more time to be spend in preparing the Chatham dry docking facility.

August will see the Ross Revenge with another special event licence. This will be issued to commemorate the 25th anniversary of the UK M.O.A. which came into force on the 15th of August 1967 when all stations closed (or had already closed) while the two Carolines continued.

Month of June

Radio Caroline's venture into the world of satellite broadcasting continues to grow. Remember the career started at the end of 1991 via the Intelsat. In May 1992 nightly Astra QEFM trms via the Sky Movies audio subcarriers were added. Caroline will commence trms via a 3rd satellite channel sometime in July or early August. The station will use the audio subcarriers of

offshore news

the Dutch PTT channel on the Eutelsat 2F1 13 degrees east. This channel puts out the Turkish TRT TV channel during part of the day and has an extremely strong footprint in Western Europe with strengths approaching the level of Astra signals. Reason for Caroline's appearance on this channel is that a new Dutch TV channel is about to start nightly broadcasts on this transponder. The name of the Dutch station is Red, Hot and Dutch bringing a nightly dose hard-core porno films between 00.00-03.00 CEST. The audio subcarriers to be used by Caroline are 7.38 and 7.56 MHz.

Caroline also continues via RNI on the Intelsat 1 degree west and ofcourse via the Astra on QEFM. With the arrival of the new service Caroline hopes to be able to provide a continuous nightly service with starts at 22.00 CEST on the Intelsat satellite and then moves to the new Eutelsat for the 00.00- 03.00 time slot before finishing on Astra between 03.00 and 07.00 CEST. Caroline is discussing the matter with RNI manager Henk de Jong about moving their time slot to fit in with this new channel.

Caroline have their application for a satellite service licence accepted by the Radio Authority. It will run from the middle of July for a 5 year period. The granting of the licence will allow Caroline to fully take over their current QEFM time slot and remove the current necessity for the broadcast to carry hourly QEFM ID's. They must establish their right to the Caroline name in order for the service to continue under the Caroline name in the long term. This is a continuation of the R.A.'s attempts to resolve once and for all the various parties' claims for the Caroline name. Currently three parties are looking to use the name Caroline:

- 1) The Peter Moore/ Ronan O'Rahilly organisation.
- 2) The owners of Caroline Ltd who had previously made an unsuccessful application to the R.A. for a landbased broadcasting licence. This application, made over a year ago, and the group's indication to the R.A. that they intend to use the name in a further licence application in the future, means that the R.A. must take them into account when dealing with the Peter Moore group's application.
- 3) The Caroline Satellite Group, currently operating under the Euronet banner.

The Ross Revenge continues to be in Dover Harbour without a lot of activity. The scheduled move to Chatham has been postponed. The ship will however be in time in Chatham for the station's next special event licence. This has now been granted and will enable Caroline to broadcast to the Medway town area of Kent in August.

A last piece of satellite news: July 6th QEFM revamped its programme schedule and as a result Caroline is now between 02.30-06.30 CEST.

THE CAROLINE NEWS WAS COMPILED IN CONJUNCTION WITH HANS KNOT AND THE RADIO TAPE, A PRODUCTION OF THE RADIO BROADCASTING LIBRARY IN DOVER, ENGLAND.

One of the most exiting special event licences of 1992 has been granted to the Caroline Movement. This organisation will be operating a special event station over the weekend of August 14th- 16th to commemorate the 25th anniversary of the M.O.A. The station will operate from a boat- the CM ship the MV Galaxy- just off the Essex coast in the Thames estuary. Aim is to recapture the spirit of the 1960's offshore stations by inviting former offshore personalities to broadcast from the boat. In parallel with this, the CM will organize a Free Radio Convention on the Essex or Kent coast on Saturday August 15th. It really is a pity that preparations for this latter event started so late and not much pre-publicity has been given to the thousands of offshore radio enthusiasts in the UK and on the continent. Five years ago a lot of work was done to organize a perfect convention in London commemorating 20 years of M.O.A. The MV Galaxy is 75 feet which is half the size of the old Mi Amigo ship. It was originally intended to be 3 days 24 hours on air (Fri/Sat/Sun). Thurs August 13th tests will be conducted with the 1 (!!!) watt AM tx on board the Galaxy. The idea now is to continue the service beyond that nostalgic weekend. The CM talks to three groups willing to continue the service after that special August weekend. The target area is the coast line around Frinton-on-Sea. There's a chance (and that's real good news) that there will be a link-up with Euronet, the Astra satellite station. The whole programming will be split up in different segments, for instance a Radio City segment, a Radio London one etc. Each segment must reflect the style of programming from the station it is representing. Working name for the station is OFFSHORE RADIO. Two names of people who will be there: Dick Palmer and Mike Ahern. But no doubt other well-known names will also be attending the nostalgic weekend !! A frequency isn't known yet.

INTERNATIONAL RADIO NEWS

Interesting is on Sun mornings Glen Hauser's World of Radio on WWCR pn 7435 kHz SW at 03.00 UTC. At 03.30 UTC Signals is aired via the same tx and as part of Signals there's a Pirate Column at 04.20 UTC.

Forgotten: the address of Euronet !! Here we go:
Euronet, P.O.Box 1234, London N1 6XH in England.

Remember Chrispian St. John, also known under the name Jay Jackson on Caroline in the mid 80's. He has left KNBC in Kettering because he had quite regularly problems with Lester Cowling, the managing-director of the radio station. Howard has re-introduced his old deejay name Chr. St. John and is now on Hereward Radio in Petersborough.

AUGUST 29TH : TUNE IN TO
FRS-HOLLAND !!

THE NANNELL STORY

The world of offshore radio sometimes gets flooded with rumours of new projects. In most cases these rumours only are castles in the air. At the end of 1984 there was such a rumour again. By Easter 1985 everybody knew this project really existed. The ship, called the Nannell, would attract the attention for several years to come. Millions were invested to convert the ship into a radio vessel. The result is well known: the ship, renamed into Mia Migo in the meantime, has been moored in a British harbour, not far away from the site it all started five years earlier. It all ended on a scrapyard.

EASTER 1985

Easter is a very special date for anoraks. Easter is attached to Caroline. Easter 1985 a new station, based on a ship, should hit the airwaves. Rumours started circling around. Richard Branson, talented and successful businessman (he is the big man behind Virgin Air-lines and Virgin records) should, after the deception with Laser, start his own sea based radio station. Besides that there were also two brothers, Arabs, who wanted to get a radio station from the high seas. The ship was in Spain, already a 93 meter mast had been erected. It was also told a 60 kW television transmitter had been delivered to the ship. A 500 meter mast should be used. However these rumours came from several sources, not related to each other. So it was possible something was happening indeed. But the pieces of the puzzle didn't fit yet. Several names were mentioned. Robin Ross, former Caroline deejay, should be involved. Also people like John Lewis, Jay Jackson, Tommy Rivers and Alan West were mentioned. Last one should become programme director. One thing was for sure: Paul Alexander Rusling was involved in the project. Or he knew a lot (too much?) of it. For he started his stories again. And again he got a lot of publicity.

1985

During the rest of 1985 it stayed quite silent around this new off-shore project. On the Northsea Eurosiege had started. The British government conducted an action against the two radio ships: Ross Revenge and Communicator. Charlie Wolfe named this action "Euro-siege". The British government used a ship called the Dioptric Surveyor. It was laid close to these two ships to observe them during a long period. As a result tendering was hardly possible. This action would have severe results for Laser in particular.

The Nannell still was laying in the harbour and regularly work was carried out on the ship. Only a very few times some news about the ship was mentioned. According to the Daily Mail soon a station called Stereo 531 should start transmissions from a ship which was anchored off the Kent coast already. The Ipswich Evening Post added to this that the organization behind the offshore station should be a mail-order business. This enterprise should start the sale of stereocoders for medium wave reception as soon as the station was broadcasting. At the same time this paper reported Paul Alexander Rusling was involved. It was another opportunity for Rusling to get publicity. He told reporters

"FRS GOES DX" THE MAGAZINE FOR FREE RADIO ENTHUSIASTS

of the paper the whole story was nonsense. It should have been told by a co-operator of whom at forehand was thought he couldn't keep his mouth shut. For safety reasons they told him a wrong story. Furthermore it would be silly to transmit on 531 kHz. Fourteen stations use this frequency. For example a 500 kW station from Beromünster and a 100 kW from Leipzig. Also Irish Sunshine Radio, owned by Robby Dale, used 531 kHz back in 1985, but only with 5 kW. It was clear there had to be a radio ship, because Joe Vogel (Mighty Joe Young), Holly Michaels and Captain Tim, her husband, arrived at Heathrow airport to work for the offshore project.

It is understandable that despite the arrival of the Americans made something clear about the offshore project it still wasn't clear where the ship was laying. However, in the world of offshore radio some people have a very keen nose for these things, so the ship was found in the end.

EARLY 1986

In the meantime it had become clear the ship had to be in the Southampton harbour. Two ships in that harbour could be considered to be used as a radio vessel: the MV Silversea and the MV Nannell. The Silversea attracted attention firstly. The ship was registered in Panama as a freight and passenger ship. It had a crane on board making it possible to transfer supplies in bad weather. The MV Silversea was owned by the Atlantic Tugs company. Also the MV Nannell was suitable. This ship attracted the attention because there was some activity on board, in contrast to the Silversea. All kinds of materials stood on deck, to be built into the ship. For example: generators and a water refining installation.

DTI TURNS UP

January 10th 1986 Broadcast magazine publishes an article about the new offshore project. The financiers should be Japanese AM stereo-receiver manufacturers. February 1st the Sotuhern Evening Post reported the ship was named Nannell and was moored in Southampton. It couldn't leave because the ships papers were not right. The paper told the DTI had been aware of the plans regarding the Nannell for a long time already. The DTI had succeeded in creating a four months delay by means of the shipping papers. The ship was owned by the Harvey Metals company, though manager Nicholas Harvey told the paper he didn't know anything of a radio ship. The ship should be for sale for any acceptable offer. Harvey had success with this story: there wasn't payed attention anymore to the Nannell. Now many people focused on the Silversea. The MV Silversea had an impressive history. Some years before the ship had been chained because it had been used to transfer arms, to be used in the Iraq-Iran war. Next the British government used the ship to transport arms to Northern Ireland. Now the ship seemed to lay aimless in Southampton harbour. The MV Silversea had been chosen to serve as a radio ship. This attracted a lot of curiosity. But everybody was kept at a safe distance.

FEBRUARY 1986: MV NANNELL SAILS OUT

Completely unexpected February 6th the MV Nannell sails under its own power out of the harbour. Soon there is an engine breakdown, near Nestley Point, and two days later she is back in Southampton. February 13th the shipping inspection visits the ship and somewhat later the ship is chained. It appears to be not seaworthy. A day after the engines are repaired and subsequently the ship is released. For a second time the Nannell leaves the harbour. Destination: Pasajes, Northern Spain.

Around that same time also the MV Silversea sails out. Its destination is Gibraltar. Argus-eyed the authorities watch the ship leaving. With both ships on the high seas a storm rises. The MV Silversea nearly has been lost and quickly hides in Brest harbour, France. Constables are waiting for her. As soon as she has been moored the ship is searched. In contrast to what they expected "materials" intended for the rebels in Sierra Leone are found.

Immediately the MV Silversea is chained and here she leaves the story. The high seas also the MV Nannell faces severe difficulties and it is decided to sail in Plymouth harbour. The engines were not working properly again. Soon these problems are solved and the ship heads for Spain where she sails in Pasajes harbour some time later. The ship is supplied and sails towards Gijon, the former home port of the ship. From Gijon the sail to Santander where the aerial mast is already laying on the quay.

In contrary to the expected the Nannell stays in Santander. It was expected she would sail to Solares. That is a Santander suburb and here there Ross revenge had been equipped some years earlier. The telescope antenna already waiting should have a total length of 80 metres. The arrival of the ship was a new source for a lot of rumours. However the ship was empty: no studios, no transmitters, only a mast on the quay. However in Britain Rob Day told "his" station should be on the air within a few days. He told this to Record Mirror and Music Week. According to Day's story two stations were going to broadcast from the ship. The first one was Stereo Hits 576, while the other one had been named W.S.O.L. 801. Rumours about 531 kHz had been circulating to draw attention away from 576, the former Caroline frequency. To conclude day told also the second transmitter had been installed and the second station should be a Dutch service.

This Nannell Story is a production of Jos Leijgraaff/ Freewave!
Translation: Chris Latiers. We'd like to thank Jos/ Freewave for their helpful co-operation !!

THE NANNELL STORY



Hi and welcome in a new episode of the ever changing, fast and always interesting world of satellite radio. Most people who own their private set of equipment, are interested in TV but let's be honest: that's boring for us, the real radio anoraks having discovered something

new which opens up new possibilities as part of the radio hobby: Satellite DX-ing. Searching for exotic and/or exciting radio-stations from around the world with a crisp clear audio sound which can even beat FM quality. It's good to know there are a bunch of quality pop radio stations but it's also fascinating to discover new stations on the various audio sub-carriers. For real 'DX-ing' you need a multi system with a motorized dish with a diameter of at least 90 cm. The most important satellite organisations- those meant for the European audience- are Astra and Eutelsat. Astra has currently two satellites high in the sky: the 1A & 1B. But: the 1C and 1D will join the two older 'brothers' and that means that even with a 60 cm dish you must be able to receive dozens of radio stations. The great news from Eutelsat is that they plan to launch few high-powered satellites being able to carry lots of TV and radio stations. Frankie Fanatic, who remembers him from the early FRS years (1980/1981) is preparing a major article aimed at showing the ropes of satellite broadcasting. He will explain some technical things which are indispensable to know when talking about satellites. This feature will be part of one of the next editions of FRS Goes DX.

EURONET

In the past few editions we informed you about the Caroline Satellite Group led by Dave Asher. As they planned to get on the air under the Caroline name, we felt it was good to cover that news as part of the Offshore column (read: Caroline column). Reality show that this group is going its own way and their future lies within the field of satellite broadcasting. That's the reason that from now on tany reports with regard to this group will be part of this satellite column.

In the previous mag we mentioned the name of the World Radio Network testing on Sky Sport's 7.56 MHz audio subcarrier. These tests ceased early May. We think that the WRN project will not be proceeding due to lack of funding. Obviously the WRN group is NOT linked to Dave Asher's group although we thought there was some kind of connection. A few days after the WRN ceasing testing, a new organisation started tests under the Euronet banner, using the same 7.56 subcarrier. The Euronet group is led by Dave Asher and Chris England. Later on you will discover who's really in charge.... A test loop tape was continuously aired on 7.56 since mid May. These tests consisted of rock mx presented by Dave Asher, Caroline Martin and Mark Matthews among others, mixed with short extracts from two other services who were also willing to start as part of Euronet. First we mention Shalom/the Jewish World, a Jewish organisation already being aired on Spectrum Radio London on 558 kHz. And secondly- and this certainly appeals more to your imagination- his lordship Screaming Lord Sutch. Lawyers working on behalf of Dave Asher's group did investigate the implications of using the Caroline or Caroline satellite Group title. More about that later on. May was a testing period and June saw some more serious steps to put together

a serious satellite radio station. In June Euronet issued its first programme schedule containing a few surprises. It appeared that the service has been split into various programming slots some of which last just 30 min.!!

As well as the Jewish Shalom group and good old Screaming Lord Sutch, the Euronet Service has also sublet airtime to Fantasy FM, a UK-based rave/dance station whose "Fantasy in the house" pxs are to be heard during three 60 min. time slots throughout the day. The Dave Asher/Chris England group seem to have given up their battle for the Radio Caroline name and instead Dave Asher's Rock Shows go out under the name LASER ROCK. Live programmes under this name commenced at the end of June. Laser Rock goes out in 4 hour segments. Mon to Thurs Laser Rock can be heard at 01.15, 09.30 and 17.00 UTC. On Fri the non-stop Laser Rock weekend starts at 14.30 UTC and the continuous rock service runs throughout Saturday and into Sundays. Normal programming returns at 14.30 UTC on Sun afternoon. The Laser Rock Service carries a jingle-package featuring former Radio Luxemburg presenter Bob Stewart.

Apart from Laser Rock there was (is) another highly interesting piece of news which is of great interest to the offshore fan. Do you remember Tendertrip ?? Well, the px has always been hosted by Ian Johnstone and Tendertrip was carried for many years on landbased pirates such as Southern Radio (here it all started in 1981), South East Sounds (a London MW pirate in the early 80's), and more recently WFRL, the SW station which closed down Easter Sun of this year. Tendertrip started as a general free radio show but turned into a specific offshore info show and became very popular among the offshore enthusiasts. Tendertrip is now back on Euronet and takes a regular daily slot on the station at 16.30 UTC with repeats during the day. Every week three fresh pxs are aired. Here's the schedule:

Tuesdays	16.30 UTC	first Tendertrip of the week
Wednesday	00.45 UTC	1st repeat
	09.00 UTC	2nd repeat
	16.30 UTC	second Tendertrip of the week
Thursday	00.45 UTC	1st repeat
	09.00 UTC	2nd repeat
	16.30 UTC	third Tendertrip of the week
Friday	00.45 UTC	1st repeat
	10.00 UTC	2nd repeat

The programme is recorded in a studio in North London on video-tape and sponsored by the Caroline Movement. The px is according to Ian Johnstone - not limited to the UK audience. There are telephone line facilities and people from abroad are enabled to call. Tendertrip was of course extra interesting when there was a lively offshore scene some years ago (Laser, Caroline, Monique) but also nowadays it's a show that appeals to every offshore fan's imagination !!

Some programme info about other services on Euronet:

Fantasy is to be heard between 21.00- 22.00, 03.15- 06.15 and 13.30- 14.30 UTC. Glory to God is a religious show between 06.15- 06.45 and 22.00- 22.30 UTC. Full details in next month's Satellite edition in FRS Goes DX.

Euronet also carries a Turkish radio station which can be heard on 3 time slots a day.

Just before this magazine was printed, we received the news that Dave Asher should be sacked by Chris England making clear that the latter is pulling the strings. We were also informed Euronet could be getting problems with royalties. At this moment we can't confirm this hot news, next time we can tell you more about eventual problems.

CHILTERN RADIO SUPERGOLD

Chiltern Radio Supergold was one of the pioneers of UK-based satellite radio. The service was originally set up to relay UK ILR stations via the low-powered Intelsat satellite at 27.5 degrees west. By the end of 1991 the service moved to Astra but has tended to ignore its Astra audience: the satellite service has featured long silences and repetitious promos. All that's about to change. Prompted by increased satellite listeners' response from the whole of Western Europe, the station has now started to take Pan European advertising and to make the service more listenable for the direct to home market. There's also the possibility of Supergold moving to one of the more accessible Astra audio subcarriers (7.38/ 7.56 MHz) to increase listenership.

GIANT FM

Supermarket radio station Giant FM who was broadcasting to the food giant chain of stores, has closed down. Since early 1992 the station was on air on the 7.74 MHz audio subcarrier of Sky Sports

LIFE STYLE AUDIO SUBCARRIERS AVAILABLE

One pair of audio subcarriers (7.38/ 7.56) of the Life Style TV service is once again available for interested parties. These channels were used by Chris Carey's Radio Nova satellite service. Following a number of problems in the past with the Nova organisation, the owners of Life Style decided they would prefer to lose the leasing revenue rather than being involved with problems associated with UK radio. It would now appear that they have had a change of mind and are willing to sublease again.

SOLAR RADIO

Solar continues with their test format of pxs. A strange mixture of music and talk shows is broadcasted on Solar. On the music programming side a couple of former UK free radio veterans were heard on Solar. Mike Knight, the founder of the legendary London based medium wave pirate Radio Jackie, presented a C & W show while his former Jackie colleague Dave Small has been hosting regular oldie shows. The Solar programming also features well-known phone-in shows, pre-recorded in the USA. Roy Masters for instance is almost every day on the 7.38 MHz audio subcarrier of Sky Sports. It's good to know Roy still has all the answers to the problems of the world !!

BRANDNEW SATELLITE RECEIVER

Scottish based satellite receiver manufacturer Mimtec have announced the launch of a brandnew satellite radio receiver which is set to revolutionize satellite radio listening. The Mimtec SSR 1750 is the first receiver designed specifically with the satellite radiolistener in mind. The unit automatically calls up the satellite radio audio instead of the TV sound. A major selling point is its price: £ 99.95 !! Severao of the

major radio broadcasters will be selling the receiver and the latter will be available in a customized form bearing the radio station's logos.

RADIO ONE ON SATELLITE ?

The launch of the new BBC Pan European TV service later this year may also bring the sound of Radio One on to satellite. The BBC are currently looking at providing the Radio One service on subcarriers on their new Eutelsat service in order to enable Britains living abroad to hear the service.

RADIO NOVA: ON AIR OR NOT

In May Radio Nova had discussions with a Turkish radio organisation. The new Nova was set to be launched by the end of June on the Eutelsat. Then the start was postponed and a new date was announced: July 11th. But also on this date there was no sign of Nova. The original intention was to use the subcarrier of the British Telecom transponder which carried the After 12 adult channel. This station has now ceased operations and a new deal has been set up for Nova to use the Dutch PTT transponder carrying the pxs of the Turkish TRT TV channel. Nova would be using a pair of subcarriers with Radio Caroline sharing the other subcarrier. We doubt whether Nova will succeed in their plans. One of the persons involved is Keith Lewis who hosted the very first Caroline satellite pxs back in 1991.

CNN RADIO

CNN Radio can be found on the 7.92 MHz audio subcarrier of CNN TV on the Astra satellite. CNN broadcasts are on the hour and half hour.

CFN NETWORK

The Canadian Forces radio network, CFN Radio, will be closing down its European FM transmitters later this year in favour of a satellite delivered service using one of the Eutelsat satellites.

NEW SUPERMARKET RADIO STATION

A British supermarket chain (Tesco ??) has set to launch an instore satellite delivered radio service using the 7.74 or 7.92 audio subcarrier of Sky Sports.

EXTENSION AM IN USA

The USA announced details of the first stations to operate on its extended medium wave band. Six stations are scheduled to start in the 1640- 1680 kHz area. These will include WNDB daytona Beach, KJLA Kansas City and KHVM Fort Worth. Broadcasting will start in the autumn and will be simulcasts of the station's main output.

EXTENSION SHORT WAVE

The World Administrative Conference, which was recently held in Spain, has decided an extra 790 kHz will be added to some of the existing SW bands. Of this 690 kHz will be going to frequencies on 9 MHz and above. The 41 mb will be extended up from 7300 to 7350 and the 49 mb will be extended downwards from 5950 to 5900.



SUNSHINE LEGAL

In Shropshire a former pirate has become legal as the Ludlow area licence has been given to Sunshine 819, owned by South Shropshire Comm. Ltd. Sunshine used to be one of Britain's leading pirates back in the early 1980's and included such names as Roger Matthews and Paul Graham in their deejay line-up. Recently the station had a short term low power licence to test on 1512 AM.

NEW STATIONS IN UK

The growth of UK local radio continues. Blackpool has a new station which started May 25th on 96.5 FM with a power of 50W and an antenna on top of Blackpool's famous tower. Name of the station is Radio Wave. One of the prime time UK local radio licences to be awarded by the Radio Authority is currently up for grabs. The licence for a FM service to cover the Maidenhead area has produced 9 interested groups. Among them names as Magic FM and Castle Radio. Is the latter station a former pirate ?? FRS-Holland used to broadcast a so-called free radio spot of a Castle Radio in the early 1980's when the Free Radio Spot was a monthly px on FRS. More news from the UK. In the Channel Isles the Jersey licence has been won by Channel Radio and the Guernsey one by Ireland FM. Even the Wimbledon lawntennis tournament had its own radio station: Radio Wimbledon started June 22nd and broadcasted local info, tennis results along with an info service 14 hours a day.

The Radio Authority has confirmed its intention to advertise five regional radio licences in the autumn. These will cover such areas as the North East, North West, Scotland and the West Midlands.

CLASSIC FM

Classic FM, Britain's first national commercial radio station will launch its service of 24 hour a day classical music in September. Classic FM tests are being made via 11 different txs on various frequencies between 100- 102 MHz. Powers range from 16 kW to 250 kW. The forthcoming launch has caused a reshuffle at BBC Radio 3 making a tighter, more modern approach to the presentation of classical music on the station. Other changes include extension of programme times and the introduction of a breakfast and drive time show.

DAVE CASH WRITES BOOK

Dave Cash who worked on Radio London, Radio 1 and Capital Radio has written a book based around CRFM, a fictional London based radio station. Name of the book: The Rating Game. Price: £ 4.99 !

CHRIS CAREY

Chris Carey is on the verge of launching a Pan European country station operating under the name Country Nights. He's currently negotiating for the use of the old Radio Luxemburg 1440 kHz frequency. Fact is that 1440 kHz will be available by the end of this year to interested stations willing to lease the powerful tx which can provide no less than 1200 kW of power. And what about the electricity bill dear Chris ??

Yes, it's another episode of our look at the Dutch media landscape. This time we look at developments regarding SKY RADIO, RADIO 10 GOLD, HOLLAND FM and regional radio. First we go up to the satellite.

RADIO 10 BEATS SKY.

Radio 10 Gold is reporting a victory on the enlarging battlefield of the commercial radiostations. In April the listening figures of the station were better compared with Sky for the very first time. Radio 10 regards Sky as it's major opponent. In November the listening density between 7 AM and 7 PM was 1.3%, compared with a figure of 1.6% for Sky. In the latest rating Radio 10 has beaten Sky: 1.5 % for Radio 10 and 1.4% for Sky. Remarkable: Sky's figure has been declining!

By the way: 1% equals 122,000 persons aged over 13 years. We can conclude it's far too early to state the commercial stations are ruling the radiomarket. In total their listening figure has been stable: 2.9%. Moreover: their marketshare has been dropping slightly. Radio 10's share increased from 6.3% to 7.2%. Sky dropped from 7.8% to 6.8%. Added together we see a decline from 14.2 to 14% . A spokesman of Sky reacted somewhat irritated when he was confronted with these figures. He stated that the listening density of the two stations are just equal, when we look at the period between 7 AM and midnight: both 1.3% But everyone agrees the real battle has started May 1st, when RTL radio started.

NEWS ON SKY.

The latest development at Sky surely is close related to the above mentioned battle. Sky will start mid-July with newsbroadcasts. A team of five people will run this service between 6.30 AM and 6 PM. Every hour on the hour there will be a two minutes bulletin. Above that there will be short bulletins of one minute early in the morning, around noon and at the end of the afternoon. The bulletin will be aired at half past the hour. Surveys have shown that 50% of the audience are missing newsbroadcasts on Sky.

HOLLAND FM.

This station is too "young" to have the disposal of listening figures. However there is already some information available. At this moment the station can be received in 2,7 million homes. The average listening time is four hours. That is one hour above the national average! Not bad at all. 30% OF the listeners have a positive opinion about the station. There is also a great potential for the station: of all people that never heard of the station 17% state they want to listen to the kind of programmes Holland FM is broadcasting. The audience of the station can be found under the age of 35 and above 50 years. They are especially of lower and middle education.

REGIONAL RADIO HUNTING AFTER NATIONAL ADVERTISERS.

The 13 regional stations are presenting themselves as a new medium in the market of national advertisers. Under the name Omroep Reclame Nederland (ORN) they offer these advertisers one address and an impressive discount in case of using at least two stations. This way of recruiting commercials is apart from the individual policy of the stations.

Nine regional stations are broadcasting commercials at the moment. In recent years the regional stations have gained a lot of popularity amongst the listeners. Their marketshare averages 24% at this moment. Some of these stations are even marketleader in their district! The regional stations have become very strong opponents of the national broadcasters. Their tariffs equal those of the STER (see last two issues of this column). However ORN offers discounts varying from 5% (when using two till four stations) to 20 % (in case of broadcasting the commercials via at least 11 stations). All this means again new rivalry for the STER, which is meeting a growing number of commercials stations on the national market.

(ADVERT)

FROM THE RAID ON THE ROSS REVENGE TILL THE SHIP RAN AGROUND ON THE GOODWIN SANDS. A 150 MINUTE LONG VIDEO WHICH BRINGS YOU ALL THE REPORTS ON DUTCH, ENGLISH, FRENCH AND ISRAELI TV ABOUT THE HAPPENINGS WITH REGARD TO OFFSHORE RADIO, ALSO INCLUDING THE FAILED GODDESS OF DEMOCRACY PROJECT OFF THE CHINESE COAST. THIS VIDEO CAN BE OBTAINED ON BETAMAX OR VHS AND COSTS JUST.....
£ 15 / DM 50 / F 50,-.

ALSO AVAILABLE IS THE RADIO LONDON FILE, A PHOTOBOK INCLUDING A LOT OF MATERIAL FROM THE PERSONAL FILES OF THE ORGANISATION INCLUDING INTERNAL MEMOS, FAB 40's, LETTERS FROM DIRECTORS, ADVERTISERS ETC. THIS COSTS....
£ 7 / DM 20 / F 20,-.

FINALLY AVAILABLE IS 270 MINUTE OF CAROLINE ON SATELLITE FOR.....£ 8 / DM 25 / F 25,- .

IF YOU WANT SOMETHING TO ORDER, THAN SEND YOUR MONEY BY INTERNATIONAL MONEY ORDER, EUROCHEQUE OR BY REGISTERED LETTER TO HANS KNOT, P.O.Box 102, 9700 AC GRONINGEN.

(ADVERT)

HELLO FREE RADIO AND CAROLINE ENTHUSIASTS

HERE IS YOUR CHANCE TO OBTAIN VERY INTERESTING FREE RADIO AND OFFSHORE RECORDINGS. YOUR ORDERS WILL SUPPORT RADIO CAROLINE BECAUSE 50% OF THE MONEY WILL BE FORWARDED TO THE PEOPLE OF THE STATION. FOR MORE INFORMATION AND A PRICE-LIST WRITE TO:
CRS, Box 220342, DW-5600 WUPPERTAL 22 IN GERMANY.
PLEASE ENCLOSE US\$ 1.00 TO COVER RETURN POSTAGE.

Pirateinformation from Finland 1992

Finnish pirate radiostations (Free Radios) usually operate on the 48 meter band 6200 - 6300 kHz. Some stations can also be found on FM (88-108 MHz) and on shortwaves around frequencies 9980, 11400 and 15040 kHz. Finnish short wave stations usually operate in Sundays at 0900 - 1100 UTC (1100-1300 local time). Sometimes stations can also be heard at nights between Saturday and Sunday.

Radio Meteor, P.O.Box 220342, D-5600 Wuppertal 22, Germany and P.O.Box 82, SF-40101 Jyväskylä, Finland. Founded in 1981. Uses 60 watts of power and transmits usually in 6238 kHz. Uses sometimes the 41 mb (7360-7400 kHz). DJ and operator Rick Random.

Radio Mayday, Wuppertal and Jyväskylä boxes. Founded in 1988. Uses 20/90 watts of power. Operates usually on 6275 kHz, but can be found also on 6240, 6258 and 9980 kHz. Has been heard in Canada. DJ Frank N. Stein and Susan Stein.

Radio Scanwood, Wuppertal and Jyväskylä boxes. Founded in 1981. Variable frequency usually on 48 mb. DJ Mister X.

Radio Bristol, address is not known. Founded in 1980. Transmits irregularly on 48 mb, mostly on 6233 kHz. Is said to be on the air on 11,4 MHz area in Saturdays at 1800 local time.

Radio Diablo, Wuppertal and Jyväskylä boxes. Founded in 1991, Transmits on 48 mb with 20 watts mostly at weekend nights.

Voice of Free Radio, Wuppertal and Jyväskylä boxes. Founded in 1989. Uses 6205 and 6240 kHz with 17 watts of power. DJ's Tom Collins, Pale and Lasol.

Radio Relax, Wuppertal and Jyväskylä boxes. Seldom on the air on 48 mb with 15 watts of power. DJ Robert Eb.

Right-Wing Radio, Wuppertal and Jyväskylä boxes. Founded in 1985 and raided in 1988, but is still sometimes on the air on 48 mb. DJ's Tex Willer, Pale, Saigons, Simon Heel and Radio-Rambo.

Radio Milli watt, Wuppertal and Jyväskylä boxes. Founded in 1990. Broadcasts on 106 MHz in Northern Finland and will start SW-transmissions during 1992. DJ Lasol.

Jolly Roger Radio, Wuppertal and Jyväskylä boxes. Founded in 1989. Transmits on FM in Central-Finland.

KISS FM, Wuppertal and Jyväskylä boxes. Founded in 1989. Broadcasts on 95,9 MHz FM Stereo in Jyväskylä. Inactive at the moment. DJ's Tex Willer and Pale.

Radio Aallot, no address yet, but can be reached via Jyväskylä box. Transmits on 104,5 MHz FM in Päijät-Häme.

Radio Rupikonna, no address known, but can be reached via Jyväskylä box. Operates on FM in Pori, West-Finland.

Radio Decline, no address known, can be reached via Jyväskylä box. Operates on 6140 kHz (or 48 mb) in Pori. High power, irregular.

Radio Galaxy, no address yet, but can be reached via Jyväskylä box. Operates in Jyväskylä on 96 MHz FM. DJ Mega Hartsu.

Radio Bonanza, Jyväskylä box. Founded in 1991. Operates on 48 mb with 15 watts of power. Irregular. DJ Jack Killian.

This info was brought to you by Free Radio Campaign - Finland (FRCF). FRCF is an organization, which fights for free radio in every possible way. Address: P.O.Box 82, SF-40101 Jyväskylä, Finland. FRCF handles mail, sells booklets and recordings, answers to questions, maintains contacts, etc. Write with IRC/USD and ask for new English language sales list.

Finnish radiomagazine Skanneri, P.O.Box 35, SF-40321 Jyväskylä, Finland have a special free radio section in every number with news and loggings in Finnish language. Also special FR-articles sometimes. Sample copy 10 FIM (Scandinavia) or 4 USD/5 DEM.

Joop ter Zee's
ALTERNATIVE (fucking) THOUGHTS

Hello BOPPERS ** Time once more for our GIANT column *** After some HEAVY CHANGES in my OWN ENVIRONMENT back again with some thoughts ** I'm surrounded with HARDWARE at the moment here in my new job ** Check out this 4 MEG ON BOARD PS 2 ** That's the way to do it DUDES **** As we say in Dutch, during summertime it's KOMKOMMERTIJD with the news ** I planned to TUNE IN to our BXAST in June last at my vacation place but I didn't **** Due to too much FUCKING OUZO I forgot the BLOODY FREQUENCY *** Anyway I brought my good ol' receiver of course *** Not that much of a reception at SAMOS ** Did how ever pick up some Islamitic stuff *** Their jingles are sung in a lazy way did you know that ?? ** Picture this: there are more than a hundred Greek island; they all have at least the 2 national Greek channels !! ** How do they do that ?? ** As a radio/tv freak I had a conversation with the g.o. BARTENDER concerning this subject ** Joop ter Zee's GREEK TV SPECIAL: They use dishes to beam the national signal to every island ** On the larger islands there are also PRIVATE channels ** This is only for the last 2 years. ** Must be EXPENSIVE to watch SANTA BARBERA *** And of course every vacation there are those nice and jolly exchanges between the peoples of almost united EUROPE ** This guy, Aggi asked me if it's true that you have to pay for your dog in Holland ELA ! YEP *** I told him that in Holland peoples get QUITE NERVOUS if it hasn't been raining for 2 weeks ** And that there are all kinds of WARNINGS in the NEWSPAPERS like STOP WASHING CARS or STOP WATERING THE LAWN *** If you've been around the g.o. MED you see everybody watering the f lawn ** And, even more shocking: everybody washes the car IN THE SUN *** They got no bloody ALT *** And did you (as a reader) know that private people don't pay for the water ?? ** In Greece only shops, restaurants and bars etc. pay 5 % from their sales to the town-hal ** Then again, nobody is quite honest about their sales ** ELA yourself ** But before you know it you're back to work *** Practising WORD PERFECT FOR WINDOWS ** Why is it things change when you just got used to them ?? ** Must be my old age ** If you have to go on vacation; enjoy it and take care;

Joop ter Zee

73's

And all that stuff